Yahoo Group Archive: nrd-525-535

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2016. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 1998-01-03 through 2016-12-09

Source WARC: nrd-525-535.blgR3y5.warc.gz

Source item: https://archive.org/details/yahoo-groups-2016-12-10T05-40-06Z-4f2a1b

Messages included in this PDF: 3046

Message records with no body available in the source archive: 10

Messages omitted as spam from this PDF: 6

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. Welcome!

Yahoo group: nrd-525-535
Date: 2001-02-03 15:04:33 UTC
From: pcady@forgedimages.com
Topic: 1 Message: 1

It'll take a bit to get this up and running but stick around and
hopefully we'll get the critical mass needed to make this sucessful.
Thanks,
Paul

2. Hello group

Yahoo group: nrd-525-535
Date: 2001-02-04 06:57:45 UTC
From: Bob Mozeleski
Topic: 2 Message: 2

Hello. Thought I would type up a few words here. My name is Bob, from Scranton PA., call sign N3UVT. I have both a 525 and a 535d and I love these radios. Hope this group works out well that we can trade tips and hints about these particular radios. I first got the 535d and liked it so well I went in search of a 525. I mainly listen to utility stations such as rtty, sitor, arq, fec, fax etc.etc. I highly recommend anyone who listens for such stations to get a recent copy of the Klingenfuss guide to utility station book. Equipment I use for shortwave listening is:
JRC NRD-525 1000hz, 250hz filters
JRC NRD-535D stock filters NVA-319 speaker
Universal M-7000 ver 7.06 decoder
Other misc. equipment
HP 3586C 0-32mhz freq. selective level meter
Harris RF-551 preselector
Couple of Burle b&w 9" monitors
Rtty x-y led tuning scope
Info-tech M-100, M-200, M-300, M-800 decoders
Antennas are 80 ft. random wire, 30 ft. random wire, homemade 4ft. loop, homemade preamp, and homemade matching transformers.
I'm gonna post this link here with the matching transformers, let me know if it works or not.
http://members.nbci.com/bobmozeleski/page1.htm
I tried to give a few of these away on the shortwave newsgroup but got only 1 taker and never got a reply to as the performance. So once again, if anybody wants to wire one of these up as a project I have about a dozen here for experiments. All you have to do is go to Radio Shack, get a small metal box, pl-259 connector, and a connector for the random wire. My friend who lives local tried one and compared to his MLB balun, he said it worked well. I have an MFJ-259B on the way in the mail so I'll do some more tests when that arrives. Ok, enough of me ranting. Hope this group works well and thanks Paul for getting it started.

3. 8 is the magic number

Yahoo group: nrd-525-535
Date: 2001-02-05 04:31:26 UTC
From: Paul Cady
Topic: 3 Message: 3

Looks like we're up to 8 so far so I thought I'd take a moment to share what I'd like to accomplish with this group. First, I'm a longtime SWL'er but a new NRD-525 owner. My radio was recently purchased from the estate of KB2OOR, aka "Havana Moon" who used to write for Pop. Comm., and has the VHF/UHF option and a Collins 4khz mechanical filter in the narrow slot. Nothing (yet) in the AUX slot and no RS-232 option. My antenna is a simple random wire at the moment.

Since I'm only a 525 owner, I'd appreciate it if someone with a 535 stepped forward to take on the job of co-moderating the group in terms of organizing the 535-specific info. Give me an email if your interested.

OK, what I'd like to do is first gather some of the basic info together and put it into the Files section. I'll scan and post the Owner's Manual and I've got the mod articles from the ODXA reprints on the way. I don't have a Service Manual as yet but it'll be there eventually. I'd like to get all the commercial and homebrew mods together in order to make it easy for anyone so inclined to figure out how to trick their beast out to the max (as my 12 year old would say).

Next on the task list are: Filters, Antennas, Antenna tuners/preselectors and ???. Like I said, I'm basically an SWL'er but I'd like to gather together all the relavent info for the DX and RTTY listener as well.

Speaking of mods, my first mod will be to put a battery holder replacement for the 3v CR2032 cell. Soldering a lithium cell directly?!? Those engineers at JRC must like to live dangerously. Even if its only every five years, that's too often for me. Stay tuned for part numbers...

And thanks and, again, welcome.
Paul in
Southwest Harbor, Maine

4. Re: Hello group

Yahoo group: nrd-525-535
Date: 2001-02-05 04:40:34 UTC
From: Paul Cady
Topic: 2 Message: 4

Hey, Bob.
Sound like a very nice setup. I have to admit I followed your link
and was a little unsure of what I was looking at (pardon my
ignorance). So, if I got you right, you've got these homebrew
matching transformers that work pretty well but: 1) how would someone
like myself go about making one of these things? 2) how would one go
about testing its performance? and, 3) how does a matching
transformer differ from a preselector?
Cheers,
-pc in swh

--- In nrd-525-535@y..., "Bob Mozeleski" <bmozeleski@y...> wrote:
> Hello. Thought I would type up a few words here. My name is Bob,
from
> Scranton PA., call sign N3UVT. I have both a 525 and a 535d and I
> love these radios. Hope this group works out well that we can trade
> tips and hints about these particular radios. I first got the 535d
> and liked it so well I went in search of a 525. I mainly listen to
> utility stations such as rtty, sitor, arq, fec, fax etc.etc. I
highly
> recommend anyone who listens for such stations to get a recent copy
> of the Klingenfuss guide to utility station book. Equipment I use
for
> shortwave listening is:
> JRC NRD-525 1000hz, 250hz filters
> JRC NRD-535D stock filters NVA-319 speaker
> Universal M-7000 ver 7.06 decoder
> Other misc. equipment
> HP 3586C 0-32mhz freq. selective level meter
> Harris RF-551 preselector
> Couple of Burle b&w 9" monitors
> Rtty x-y led tuning scope
> Info-tech M-100, M-200, M-300, M-800 decoders
> Antennas are 80 ft. random wire, 30 ft. random wire, homemade 4ft.
> loop, homemade preamp, and homemade matching transformers.
> I'm gonna post this link here with the matching transformers, let
me
> know if it works or not.
> http://members.nbci.com/bobmozeleski/page1.htm
> I tried to give a few of these away on the shortwave newsgroup but
> got only 1 taker and never got a reply to as the performance. So
once
> again, if anybody wants to wire one of these up as a project I have
> about a dozen here for experiments. All you have to do is go to
Radio

> Shack, get a small metal box, pl-259 connector, and a connector for
> the random wire. My friend who lives local tried one and compared
to
> his MLB balun, he said it worked well. I have an MFJ-259B on the
way
> in the mail so I'll do some more tests when that arrives. Ok,
enough
> of me ranting. Hope this group works well and thanks Paul for
getting
> it started.

5. Re: Hello group

Yahoo group: nrd-525-535
Date: 2001-02-05 10:15:06 UTC
From: Bob Mozeleski
Topic: 2 Message: 5

I'm gonna post a few more links here. This one here has lots of good reading on receiving antennas.
http://www.hard-core-dx.com/nordicdx/antenna/feed/
This one here has some plans for winding a matching transformer.
http://www.anarc.org/naswa/badx/antennas/low-noise_antenna.html
I've built maybe 5 or 6 of these, various sizes and unknown cores from the junkbox, TV matching antenna guts, old p.c. power supplies. I've experimented with a different number of windings, gauges of wire, etc.etc. Mostly I've done A-B comparisons at 5mhz 10mhz 15 mhz running outside and switching between them and then going back inside to look at signal strength. You really can't go wrong using what John Doty has written about them. They put the random wire at D.C. ground potential too so it actually bleeds off any static charges which might damage your radio if you had the wire hooked directly to the antenna input.
I'm far from an electronics engineer, but to get the best out of these radios (or any radio) you need a decent antenna no doubt. The graph I made was a comparison of a homemade 9:1 transformer and one of those in the pictures. In reality I couldn't hear any difference but when I fed a signal into one and measured the output I could detect a slight gain at certain frequencies. I have built a 9:1 on an old ferrite rod from an old tube radio and it worked great at B.C frequencies but had major loss above 3-4 MHz.
As far a preselector is concerned, be it active or passive, what it does for a living is to block out frequencies other than what you have it tuned at. Basically a filter to let only specific frequencies to pass through. So, if you wanted to listen to say a 5mhz station, it would let that signal pass and block out frequencies above and below that. They come in handy if you have strong interference that was causing "bleedover" on the station you wanted to tune. My opinion is that a preselector is not needed with either the JRC 525 or 535. They have a great frontend to block out unwanted signals.
Getting back to the 525 they say it has terrible audio but responds well to some modifications. I use mine with an external speaker and am happy with it, but I mostly use it for tuning very narrow banded signals anyway. I'd be very interested in hearing if anyone has done any mods on this themselves as I am tempted to get out the schematic and try perhaps switching out some capacitors on the audio board.

--- In nrd-525-535@y..., "Paul Cady" <pcady@f...> wrote:
> Hey, Bob.
> Sound like a very nice setup. I have to admit I followed your link
> and was a little unsure of what I was looking at (pardon my

> ignorance). So, if I got you right, you've got these homebrew
> matching transformers that work pretty well but: 1) how would
someone
> like myself go about making one of these things? 2) how would one
go
> about testing its performance? and, 3) how does a matching
> transformer differ from a preselector?
> Cheers,
> -pc in swh
>

6. Greetings & Introduction

Yahoo group: nrd-525-535
Date: 2001-02-06 04:35:23 UTC
From: dx@guyatkins.com
Topic: 6 Message: 6

Hi All,

It's good to see this group start up, and thanks to Paul for taking the initiative.

Home for me is a small island (Inlet Island) near the eastern shore of Lake Tapps, in the town of Bonney Lake, Washington. I'm located roughly half-way between Tacoma, WA and Mount Rainier.

I'm a tropical bands DXer since 1980, with a heavy interest in Africa, the South Pacific, and India/Indonesia. I also tune for foreign (trans-Pacific) mediumwave DX when I have the chance to get to the WA coast for DXpeditions (4-5 times per year). At the DXpeditions I have the opportunity to hook the receivers to very directional single & dual wire Beverage antennas as well as K9AY antennas.

In the late 1980s I owned a highly modified NRD-525. Changes/additions included mods such as AGC, Collins 1.8 and ICOM FL-44a 2.4 filters, additional internal shielding, custom tuning knob (I sold quite a few of these!), ESKAB ultimate rejection (roofing filter) mod, and other items. External to the receiver I used a Kiwa "MAP" unit to add synchronous detection and more filtering; and a large, analog S-meter with variable "damping" circuitry designed by Craig Siegenthaler of KIWA Electronics.

The NRD-525 also had a unique remote keypad controller made from a re-wired handheld calculator. It was wired to the receiver's rear panel via a multi-conductor round cable. This accessory made quick frequency, mode, and filter changes easier and more comfortable to accomplish than punching the "pointy-edged" vertical keypad buttons on the receiver. For me, it was an exercise in improving the ergonomics of the '525.

I wrote up the nrd-525 remote controller in a construction article for an early edition of Fine Tuning's PROCEEDINGS series of books.

Another item I put together for PROCEEDINGS was an illustrated compendium or collection of many NRD-525 modifications from various sources and contributors. The article is an excellent reference due to the volunteer efforts of radio enthusiasts and NRD-525 owners who took the time to contribute their time & talent to the project. This article is still available as a PROCEEDINGS reprint from the NASWA and ODXA shortwave radio clubs. The article on the remote keypad controller is also available as a reprint from the same sources.

Currently I use a NRD-535GS (Gilfer version) which has a "full-house" of KIWA modifications. I recommend all of KIWA's mods for the 525/535 *highly*! A bit of testimonial: after having the Kiwa mods done on my 535, two other DXers I know bought used 535's specifically to have Craig modify them. Another person who already owned a 535 sent his radio in for the mods after listening to mine.

A Kiwa modification worth mentioning if you value clean audio in a communications receiver is: the Kiwa Audio Upgrade. It costs $80, and in my opinion makes my NRD-535GS sound nearly as nice as the AR-7030 I owned! Couple this with the $5 kit of parts for the AGC and the $35 synchronous detector upgrade, and you have a sweet-sounding JRC on your hands.

The Gilfer version of my 535 came with some meager attempts at AGC and audio upgrading, but Kiwa's efforts surpass the Gilfer mods. I had the Gilfer mods removed to make way for Kiwa's circuitry. My receiver retains the nice selection of five bandwidths it came with from Gilfer.

I usually control the NRD-535GS with John Fallow's excellent ERGO program. Especially during exceptional sunrise/sunset DX enhancement openings, ERGO is a worthwhile tool to make the most of DXing time before the band conditions change. Creative Express is at: http://www.swldx.com

The other receiver here is a ICOM IC-R70 with modifications, and for an antenna I currently use a Wellbrook K9AY. I'm reworking another antenna, which is a 175 ft. matched, terminated sloper that's quite directional toward Papua New Guinea and Irian Jaya on 60 & 90 meters.

Good DX,

Guy Atkins
Bonney Lake, WA USA
dx@...

7. Re: Greetings & Introduction

Yahoo group: nrd-525-535
Date: 2001-02-06 14:11:24 UTC
From: Paul Cady
Topic: 6 Message: 7

--- In nrd-525-535@y..., dx@g... wrote:
> Hi All,
<snip>

Excellent! Welcome, Guy. We'll be discussing those mods soon enough.

Anybody else care to introduce themselves?

Here on the other coast, we're digging out from a good old fashioned nor'easter which dumped a foot of heavy, wet snow. My longwire's got a half inch of ice on it.

-pc

8. Introduction

Yahoo group: nrd-525-535
Date: 2001-02-06 22:05:24 UTC
From: Charles W. Hinkle
Topic: 8 Message: 8

Hi All

My name is Charlie Hinkle and have been a SWL enthusiast since the late 40's when I built my first two tube regenerative receiver. I acquired a NRD-535D in 1993. I presently use Mark Fine's SmNrd32 software with the NRD-535. My other receivers are the TenTec RX-320 on the operating desk and an ICOM R70 in my garage workshop. The antenna system consists of a 70 ft longwire averaging about 20 ft high and a Hustler 5BTV vertical. A RF Systems MLB is used on the longwire for the coax feed to the operating desk. I use antenna splitters and two
switches in a matrix arrangement that allows the NRD-535 and the RX-320 receivers to be fed from same or different antennas simultaniously.

I have had my ham license since 1955 but don't get on the air very often. I retired from A T & T as a communications tech in 1990. My location is in a housing development on the shore of a
small lake in the most northwestern county of Ohio. Receiving conditions are fairly quiet.

Well thats it for now

73's

Charlie

9. Re: Introduction

Yahoo group: nrd-525-535
Date: 2001-02-07 02:02:01 UTC
From: Paul Cady
Topic: 8 Message: 9

Hi, Charlie.

I was wondering if you use anything with your antennas like tuners,
static/lightning dischargers, etc. or whether you just feed them
straight into the receivers? Besides the MLB on the longwire, that is.

Just curious,
-Paul

--- In nrd-525-535@y..., "Charles W. Hinkle" <w8cfo@b...> wrote:
> Hi All
>
<snip>

10. Introduction

Yahoo group: nrd-525-535
Date: 2001-02-07 02:52:44 UTC
From: Chris Altwegg
Topic: 8 Message: 10

I might as well chime here also, I guess. I'm Chris Altwegg, in Seattle, Washington.

I've been a SWL for about 25 years off and on. In addition to my recently acquired 535D (which is going off to KIWA after the winter season!), I also own an FRG-7 and a smaller Sony receiver. I also have a Yaesu FRG-7700 and Kenwood R2000 that I'm polishing up to put on eBay soon, to help pay for the NRD.

I have always used a random hank of wire as an antenna until Guy Atkins brought up his Wellbrook ALA-1530 loop antenna. He felt that, given my location of suburban Seattle with power lines all around and neighbors nearby, that electrical noise was probably a big problem. As you may know, loop antennas are less susceptible to electrical noise. It's made such a big difference in my listening that I bought the antenna off Guy (it wasn't exactly what he had wanted for his MW DXing) and I've been happy ever since.

Most of my radio enjoyment is armchair program listening and a bit of domestic MW DX. I'm glad to be a part of the group, and look forward to sharing experiences with you all.

Chris

Chris Altwegg | chris@...
8203 38th Avenue NE | 2206-523-6477 (office/cell)
Seattle, WA 98115 | 206-523-6401 (fax)

11. Re: [nrd-525-535] Re: Introduction

Yahoo group: nrd-525-535
Date: 2001-02-07 05:02:42 UTC
From: Charles W. Hinkle
Topic: 8 Message: 11

Paul

I don't use any tuners or lightning arrestors. The coax is brought into my shack through UG-363 barrel connectors installed in a metal plate on
the wall of my shack . I disconnect my antennas when not in use or when an electrical storm threatens.

Charlie

----- Original Message -----
From: Paul Cady
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 06, 2001 9:02 PM
Subject: [nrd-525-535] Re: Introduction

Hi, Charlie.

I was wondering if you use anything with your antennas like tuners,
static/lightning dischargers, etc. or whether you just feed them
straight into the receivers? Besides the MLB on the longwire, that is.

Just curious,
-Paul

--- In nrd-525-535@y..., "Charles W. Hinkle" <w8cfo@b...> wrote:
> Hi All
>
<snip>

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To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@...m

12. 525 Manual Uploaded

Yahoo group: nrd-525-535
Date: 2001-02-08 18:02:35 UTC
From: Paul Cady
Topic: 12 Message: 12

The first part of the 525 manual has been uploaded to the Files section. It was split into 4 parts to ease downloading for some. A link to a complete version is in the Bookmark section as it slightly goes over the 5mb upload limit for the group and had to be kept elsewhere.

This is only the first part of the manual. The second part with the circuit diagrams are a bit more difficult to scan but will be done in short order. I realize everyone no doubt has a copy of this manual but it seems so basic that it should be part of the library.

I'm still awaiting arrival of Guy's 525 mods article reprint from ODXA (along with other relevant reprints). And I haven't gotten around to placing an order for the 525 Service Manual as yet. Things will start getting more interesting when the mod stuff shows up.

Speaking of bookmarks, I put up a couple of obvious ones and will be doing more as I can. Feel free to add to them.

Cheers,
-Paul

13. Mods Uploaded

Yahoo group: nrd-525-535
Date: 2001-02-11 15:54:03 UTC
From: Paul Cady
Topic: 13 Message: 13

Thomas Nilsson has been gracious enough to email me a couple of pdf files with his mods for the 525 (and 515). The 525 file has some discussion of the 535, as well.

Thomas writes:

"Here are the two files. Re NRD525 the main problem is the AVC. When properly modifed the audio and signal handling will be so much better, it sounds like a new rx!
Hope some of the dx-ers out there can find some inspiration from these mods."

Does anyone know if the Eskab mentioned in the pdf is around? The only reference I found was through deja.com/usenet from 7/29/2000:
VHP Electronics
Almtorget 1
S-214 57 MALMÖ.
SWEDEN

or

VHP Electronics
Box 8198
S-200 41 MALMÖ
SWEDEN

Telephone: 040-22 93 00,
Telefax: 040-94 00 60

Thanks,
Paul

14. Re: [nrd-525-535] Mods Uploaded

Yahoo group: nrd-525-535
Date: 2001-02-11 17:12:37 UTC
From: av8tor@flash.net
Topic: 13 Message: 14

Is there anywhere I can send my 525 Receiver to have these modes done? I'm interested mainly in improving the Audio and cleaning up some of the wide band noise.
Thanks,
George

I make Over $5000 per Week on eBay!
Make eBay(tm) Your Job and Earn BIG $$$
--> http://www.licensed4fun.com/ebay.htm <--
---

15. 525 Lithium Battery Mod

Yahoo group: nrd-525-535
Date: 2001-02-11 17:17:26 UTC
From: Paul Cady
Topic: 15 Message: 15

I needed to replace the lithium battery on my 525 and decided on a replaceable holder rather than solder the lithium battery directly. Parts used were a 20mm Battery Holder (Radio Shack #270-430), a Mini Project Enclosure (Radio Shack #270-288), some thin wire, a small square of velcro and a new 2032 battery.

There's probably better and easier ways to do this, but here's how I did it: I'm not a great solderer, so instead of soldering the wires to the PCB, I pryed the old battery off and soldered the new wires to the old holder, using a dremel to drill a 1/16" hole in the two pieces of the holder to help hold the wire in place. I drilled a small hole in the front of the enclosure and put the velcro on the back. Don't forget to run the wire through the front cover before soldering the wire to the holder or you'll end up with a fiendish topological problem. The inner screw post of the enclosure needed a little trimming to fit the holder. That's it. Total cost: about $5.00 including the battery. Total time: about 30 minutes.

Cheers,
-Paul

16. Re: [nrd-525-535] Mods Uploaded

Yahoo group: nrd-525-535
Date: 2001-02-11 17:22:23 UTC
From: William H. Bowen
Topic: 13 Message: 16

Gentlemen,

Last I was aware the Eskab folks are out of business. I'd given the same info Thomas has to another 525 owner last summer and he reported back to me that they where gone; even their fax number was disconnected.

I have the ESKAB sync detector board in my 525 and have all the documentation, including some extensive correspondence from ESKAB to the original owner of my 525. Unfortunately, it is rather faded (it is on thermal fax paper) and in it's present condition would yield a very poor scan. I'm planning, as time permits, to transcribe the printed data to text files and the schematic and board layout into AutoCad (and then to a .pdf file).

As soon as this work is done I'll forward it to Paul for inclusion to the group's documentation files.

Regards,
Bill Bowen
bowenb@...
Daly City, CA

To: nrd-525-535@yahoogroups.com
From: "Paul Cady" <pcady@...>
Date sent: Sun, 11 Feb 2001 15:54:03 -0000
Send reply to: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Mods Uploaded

> Thomas writes:
>
> Does anyone know if the Eskab mentioned in the pdf is around? The
> only reference I found was through deja.com/usenet from 7/29/2000:
> VHP Electronics
> Almtorget 1
> S-214 57 MALMÖ.
> SWEDEN
>
> or
>
> VHP Electronics
> Box 8198
> S-200 41 MALMÖ
> SWEDEN
>
> Telephone: 040-22 93 00,
> Telefax: 040-94 00 60
>

> Thanks,
> Paul

17. Eskab

Yahoo group: nrd-525-535
Date: 2001-02-11 21:34:26 UTC
From: thomas.nilsson@sverige.net
Topic: 17 Message: 17

Unfortunately it was long ago the Eskab people closed their business. VHP Electronics on Malmoe nowadays only sells components. Harm Broers is working at Siemens with computers and his interest in JRC equpment is history.
I also think it is impossible to get the boards. The only way is to build them yourselves from the schamatics.

For those who need manuals or schematics for Eskab modifications I have everything saved here. I have a scanner and can easily make a file of what you need. Just drop me a mail and I´ll try to help you.

Regards
Thomas

18. Re: Mods Uploaded

Yahoo group: nrd-525-535
Date: 2001-02-12 14:39:08 UTC
From: Paul Cady
Topic: 13 Message: 18

--- In nrd-525-535@y..., av8tor@f... wrote:
> Is there anywhere I can send my 525 Receiver to have these modes done? I'm
> interested mainly in improving the Audio and cleaning up some of the wide
> band noise.
> Thanks,
> George

George,
I'm in the same boat you're in but, for myself, I am going to wait on any mods until I get a chance to get a complete inventory of existing mods together and post them to the group. I expect it will take a couple more weeks. The very knowledgeable other members here will no doubt have some valuable input as to which mods are worth the trouble.
Cheers,
Paul

19. 525 Mod for Sherwood SE-3

Yahoo group: nrd-525-535
Date: 2001-02-12 18:45:13 UTC
From: Paul Cady
Topic: 19 Message: 19

I just uploaded instructions in the Mods section that describes how to simply add an i-f output to allow convenient plug-in operation of a Sherwood SE-3 synchronous detector. These instrucions came from Rob Sherwood and he says it is a simple field mod though his shop can do the mod for $45.00 US (see http://sherweng.com/radios.html for details).

Does anyone have any experience with the SE-3 mated to a 525? I have only ever seen praise for this unit.

Cheers,
-Paul

20. JRC 525 extender boards

Yahoo group: nrd-525-535
Date: 2001-02-27 21:48:47 UTC
From: Bob Mozeleski
Topic: 20 Message: 20

Does anyone know if the extender boards for the 525 receiver can be made from available connectors? I had just bid on one from Ebay but didn't meet the sellers reserve. I'm not looking to pay a high price, but wanted to know if anyone has made one of these. I'll have to do a little research tonight on that style of connector. Maybe I can come up with something that might work. Any help is appreciated.

21. Re: [nrd-525-535] JRC 525 extender boards

Yahoo group: nrd-525-535
Date: 2001-02-27 22:00:54 UTC
From: Paul Bigelow
Topic: 20 Message: 21

Hello,

The connectors for the JRC cards for the NRD-505, NRD-525 and
maybe others were/are made by Hirose Electronics Ltd.

NRD-505 uses 15 pin (PCN6 series), the NRD-525 uses 22 pin.

I have been in contact with Hirose to attempt to obtain some
connectors. So far no success.

Best regards,

Paul Bigelow

"Bob Mozeleski" <bmozeleski@...> on 02/27/2001 03:48:47 pm

Please respond to nrd-525-535@yahoogroups.com

To: nrd-525-535@yahoogroups.com
cc:
Subject: [nrd-525-535] JRC 525 extender boards

Does anyone know if the extender boards for the 525 receiver can be
made from available connectors? I had just bid on one from Ebay but
didn't meet the sellers reserve. I'm not looking to pay a high price,
but wanted to know if anyone has made one of these. I'll have to do a
little research tonight on that style of connector. Maybe I can come
up with something that might work. Any help is appreciated.

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22. Re: [nrd-525-535] JRC 525 extender boards

Yahoo group: nrd-525-535
Date: 2001-02-27 23:36:50 UTC
From: Guy Atkins
Topic: 20 Message: 22

Bob,

A number of years ago, a DXer I know was offering sets of the connectors for sale; perhaps they were entire homebrew extender sets for the NRD-525. He worked at an electronics supplier in the Seattle area and had access to the special connectors.

You might try contacting him for specifics, although I doubt he still offers these items for sale. Perhaps he can point you in the right direction. His contact info is:

Terry Palmersheim kc7ldp@...

73,

Guy Atkins
Bonney Lake, WA USA
NRD-535GS w/Kiwa mods; modified IC-R70
Wellbrook k9AY

23. Re: JRC 525 extender boards

Yahoo group: nrd-525-535
Date: 2001-02-28 00:19:18 UTC
From: Bob Mozeleski
Topic: 20 Message: 23

Below are the part numbers from the service manual. I don't know if the connectors would be those exact numbers or would have 90 degree bends or straight. I did some searching and sent out about a half dozen e-mails looking to purchase some. I'll try to contact terry and see what happens.
PCN6-22S-2.5DS
EC1C-22P-2.5DSA

> A number of years ago, a DXer I know was offering sets of the connectors for
> sale; perhaps they were entire homebrew extender sets for the NRD-525. He
> worked at an electronics supplier in the Seattle area and had access to the
> special connectors.
>
> You might try contacting him for specifics, although I doubt he still offers
> these items for sale. Perhaps he can point you in the right direction. His
> contact info is:
>
> Terry Palmersheim kc7ldp@n...

24. PCN6-22 pin connectors

Yahoo group: nrd-525-535
Date: 2001-02-28 22:29:33 UTC
From: Thomas Nilsson
Topic: 24 Message: 24

Regarding pins for extender boards, please check the link below for the PCN6 22 pin series. If you can get the connectors, itis very easy to make the extender board with plain wires and a few shielded ones.

I got my connectors some 10 years ago via ESKAB in Malmoe, Sweden. It must be possible to find a store somewhere selling these parts.
Regards
Thomas

http://www.hirose.com/cat98e/internal/b_board/2piece/index.htm

25. Re: [nrd-525-535] PCN6-22 pin connectors

Yahoo group: nrd-525-535
Date: 2001-02-28 22:36:23 UTC
From: Paul Bigelow
Topic: 24 Message: 25

Hello,

Hirose has been contacted but no response yet.

If we could place an order for 50,000 of these connectors
then we may get more attention.

Newark is a Hirose distributor. Although the catalog does
not list the specific part, it may be possible to "special order"
through Newark. Who knows?

73's

Paul Bigelow

"Thomas Nilsson" <thomas.nilsson@...> on 02/28/2001 04:29:33 pm

Please respond to nrd-525-535@yahoogroups.com

To: <nrd-525-535@yahoogroups.com>
cc:
Subject: [nrd-525-535] PCN6-22 pin connectors

Regarding pins for extender boards, please check the link below for the
PCN6 22 pin series.
If you can get the connectors, itis very easy to make the extender board
with plain wires and a few shielded ones.

I got my connectors some 10 years ago via ESKAB in Malmoe, Sweden. It must
be possible to find a store somewhere selling these parts.
Regards
Thomas

http://www.hirose.com/cat98e/internal/b_board/2piece/index.htm

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26. Re: PCN6-22 pin connectors

Yahoo group: nrd-525-535
Date: 2001-03-01 00:06:21 UTC
From: Bob Mozeleski
Topic: 24 Message: 26

Well, I got 5 responses from the companies I e-mailed yesterday. I put a few below and yes they seem to want me to order a few thousand! I did contact the person whom Guy mentioned and he will sell me 20 connectors of both types for $3 each. That's not too bad of a price. That will make 10 boards. I will have to find some suitable board material and ribbon wire. I will make them available to members here for cost (no labor) once I get them completed after the first prototype. It's a little work but sounds like a fun project. Might take a week or so but once I get the first one done the others will be easier.

Dear Robert
Please would you advise your company's details and location. Thanks.
Bob, In order to assist you with your request, can you supply some additional information? This information will allow me to determine the best route for your needs.
Company Name, Address, Phone and Fax numbers
Brief Company Description (type of product produced or service provided)
Application for connectors
Number of connectors immediately needed
Estimated annual usage
How many is "some"???
Thank you for your request! If you could please let me know how many you are looking for, I would be more efficient in getting you the desired information. Also, if you could please include your phone number and fax number, so that I could send you a quote, I would greatly appreciate it!!! Oh, and one more thing....what is your company name?? Thank you so much for the information, and I will get this taken care of as soon as I hear back from you!
Bob,We have stock on both parts in our office in Japan. I don't show that any
of our Distributors have recently purchased either of the connectors, so the
chances of one of them having them in stock is unlikely. Any of our Distributors can order these parts for you. The lead time is 6-8 weeks.
The following are some of our Distributors: Digi-Key800-344-4539 Schuster Electronics800-521-1358KSM954-971-5900PSC Electronics 888-693-1595

--- In nrd-525-535@y..., "Paul Bigelow" <pbigelow@u...> wrote:
> Hello,
> Hirose has been contacted but no response yet.
> If we could place an order for 50,000 of these connectors

> then we may get more attention.
> Newark is a Hirose distributor. Although the catalog does
> not list the specific part, it may be possible to "special order"
> through Newark. Who knows?

27. JRC 535 trick

Yahoo group: nrd-525-535
Date: 2001-03-01 00:11:43 UTC
From: Bob Mozeleski
Topic: 27 Message: 27

I don't know if this is in the manual but if you enter
99.999.99 then press enter, it lights up the entire display. Good i
guess if you want to see if there are any burned out segments. This
doesn't work with the 525 radio.

28. Re: [nrd-525-535] Re: PCN6-22 pin connectors

Yahoo group: nrd-525-535
Date: 2001-03-01 13:25:42 UTC
From: Paul Bigelow
Topic: 24 Message: 28

Bob,

By any chance would you be able to include PCN6 series 15-pin connectors
to the order or let me know your contact so I can place an order?

These are the parts I need:

PCN6-15PA-2.5DS - Plug
PCN6-15S-2.5DS - Socket

These connectors would be for the NRD-505.

Paul Bigelow

29. PCN6-15 pin

Yahoo group: nrd-525-535
Date: 2001-03-01 13:38:25 UTC
From: Paul Bigelow
Topic: 29 Message: 29

Hello Bob,

I re-read the noted and emailed Terry concerning the connectors.
If the 15-pin cannot be obtained, I am certain that the 22-pin can
be cut (horrors!) for 15 pins and work OK.

Best regards,

Paul Bigelow

30. Which One

Yahoo group: nrd-525-535
Date: 2001-03-12 21:57:06 UTC
From: Mike Brown
Topic: 30 Message: 30

I have the option of buying, second hand I grant you, a 525 or a 535 ..
Which is to be recommended.
Any comments, good or bad would be greatly appreciated.
Thanks,
Mike Brown

31. Re: Which One

Yahoo group: nrd-525-535
Date: 2001-03-14 05:07:20 UTC
From: Bob Mozeleski
Topic: 30 Message: 31

That's kind of a toss up in my book. I have both the 525 and a 535D. I find the sensitivity of both radios to be about the same. I run each with its own antenna, diversity decoding of rtty and other digital signals. Sometimes the 525 grabs the signal, other times the 535 wins. But that's mostly because I am running a slightly different antenna into each. As for reception of AM broadcast signals, I can't say which is better. I don't try to dig AM signals out of the noise too often. I'm sure you can get a few other opinions on that realm. If you run either radio into a decent sized house speaker, they both sound good enough to amaze people that it's AM radio.
Like 525 bandwith buttons as you can scroll up and down between filters easy.
Dislike 535 bandwith buttons as you have to go either up or down through all filters to get back to the original setting.
As for CW,
Like 535 BFO CW setting as its programmable as to shift.ex: 750hz,800hz,850hz.
Dislike 525 BFO as it is a knob you manually adjust.
This is only because I decode CW with an outboard decoder(m-7000). It needs a specific tone to get good copy. I set the 535 to 800hz and get good copy. The 525 I have to be careful setting the BFO knob just right. Others may say if you listen to CW by ear, its much easier on the 525 to find a pleasing tone.
The 535 tuning rate is either 10 khz per turn or 2.5 khz.
The 525 tuning rate is either 20 khz per turn or 2.0 khz.
They are both fine with me. No problem there.
Both radios are perfect right on frequency! No problem there either.
Computer control is easier with the 535 because the rs-232 port is right on the back. The 525 had this as an option and good luck finding one if your radio doesn't already have it installed.
The 525 had a VHF option board too. See above if it doesn't have that already installed. The 535 had no VHF option but has ECSS and Bandwith control options, which might be still available if you wanted to spend some $$$$. Both radios had the same RTTY option board available but I have not used that so I can't comment there. Lets see, what else.
The 535 had an optional high stability crystal unit that I read somewhere was installed on all 525 units. Someone correct me if I'm wrong on that. The books say 535 +or-2ppm or 0.5ppm with optional board and the 525 says +or- 3ppm. So that's backwards to what I thought I read. Though I've never noticed any drift on either radio.
All and all I would have to say get the 535 because of possibly parts availablity because it's a newer radio and the computer control. But yet I do listen to my 525 maybe a little more than the 535. And the reason for that is I'm hunting for a 515 then a 505. Good luck, you

won't go wrong with either radio.

--- In nrd-525-535@y..., "Mike Brown" <michaelalan.brown@v...> wrote:
> I have the option of buying, second hand I grant you, a 525 or a
535 ..
> Which is to be recommended.
> Any comments, good or bad would be greatly appreciated.
> Thanks,
> Mike Brown

32. RE: [nrd-525-535] Re: Which One

Yahoo group: nrd-525-535
Date: 2001-03-14 18:00:55 UTC
From: Mike Brown
Topic: 30 Message: 32

What can I say - thanks .... a direct comparison for both .. excellent.
Mike B
-----Original Message-----
From: Bob Mozeleski [mailto:bmozeleski@...]
Sent: 14 March 2001 05:07
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: Which One

That's kind of a toss up in my book. I have both the 525 and a 535D.
I find the sensitivity of both radios to be about the same. I run
each with its own antenna, diversity decoding of rtty and other
digital signals. Sometimes the 525 grabs the signal, other times the
535 wins. But that's mostly because I am running a slightly different
antenna into each. As for reception of AM broadcast signals, I can't
say which is better. I don't try to dig AM signals out of the noise
too often. I'm sure you can get a few other opinions on that realm.
If you run either radio into a decent sized house speaker, they both
sound good enough to amaze people that it's AM radio.
Like 525 bandwith buttons as you can scroll up and down between
filters easy.
Dislike 535 bandwith buttons as you have to go either up or down
through all filters to get back to the original setting.
As for CW,
Like 535 BFO CW setting as its programmable as to shift.ex:
750hz,800hz,850hz.
Dislike 525 BFO as it is a knob you manually adjust.
This is only because I decode CW with an outboard decoder(m-7000). It
needs a specific tone to get good copy. I set the 535 to 800hz and
get good copy. The 525 I have to be careful setting the BFO knob just
right. Others may say if you listen to CW by ear, its much easier on
the 525 to find a pleasing tone.
The 535 tuning rate is either 10 khz per turn or 2.5 khz.
The 525 tuning rate is either 20 khz per turn or 2.0 khz.
They are both fine with me. No problem there.
Both radios are perfect right on frequency! No problem there either.
Computer control is easier with the 535 because the rs-232 port is
right on the back. The 525 had this as an option and good luck
finding one if your radio doesn't already have it installed.
The 525 had a VHF option board too. See above if it doesn't have that
already installed. The 535 had no VHF option but has ECSS and
Bandwith control options, which might be still available if you
wanted to spend some $$$$. Both radios had the same RTTY option board
available but I have not used that so I can't comment there. Lets
see, what else.
The 535 had an optional high stability crystal unit that I read

somewhere was installed on all 525 units. Someone correct me if I'm wrong on that. The books say 535 +or-2ppm or 0.5ppm with optional board and the 525 says +or- 3ppm. So that's backwards to what I thought I read. Though I've never noticed any drift on either radio. All and all I would have to say get the 535 because of possibly parts availablity because it's a newer radio and the computer control. But yet I do listen to my 525 maybe a little more than the 535. And the reason for that is I'm hunting for a 515 then a 505. Good luck, you won't go wrong with either radio.

--- In nrd-525-535@y..., "Mike Brown" <michaelalan.brown@v...> wrote:
> I have the option of buying, second hand I grant you, a 525 or a 535 ..
> Which is to be recommended.
> Any comments, good or bad would be greatly appreciated.
> Thanks,
> Mike Brown

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33. NRD525 NB operation

Yahoo group: nrd-525-535
Date: 2001-03-21 14:03:41 UTC
From: a.e.t.@tin.it
Topic: 33 Message: 33

I'm a newcomer in this group: my name is Antonio and live in Milano, north of Italy. I owened a 525 since several years and i like it very much. It is connected to a "long wire" 47 m long through a MLB, and 22 m RG58 cable. I'm using also an antenna tuner Yaesu 7700.

My 525 has the NB controls apparently non operative: I tried years ago to have them "repaired", but nothing really happened.

Is there somebody who can halp me in fixing this situation? Thanks in advance for any kind of suggestion!

Ciao from Italy, Antonio

34. Introduction!

Yahoo group: nrd-525-535
Date: 2001-03-24 00:09:33 UTC
From: Alf Årdal
Topic: 34 Message: 34

Hi all!

Nice to see that such a group has started,thanks Paul...hope it gets
filled with hints,
mod's and other users experiences.

My hometown is place called Gurskoy with 600 inhab.,which is on a island
that is about 15-20 square km's,the nearest city is Aalesund,with about
40.000 inh..

I have been a dxer since 1973,and most of the time concentrated on
MW,but also
the tropical bands.

I have the following receivers:

NRD 525 added with the 1.8 khz JRC filter.
AOR 7030+ with all filter options used.
Icom R71E,modified with the ESKAB PLAM unit,and also better filters.
Kenwood R-1000

Antennas used is:
4 beverage antennas between 280 and 340 meters,2 are terminated.
A 45 m inverted L-antenna
K9AY antenna with 4 loops (Wellbrooks),two loops are enlarged.
I'm looking for (advices and comments)a good antenna for the tropical
bands,
which has to be real quiet,especially Pacific and South America is my
favorite area.

I hope by time to get more done on my 525,which I feel is a good
radio,but needs to be done more with! I have done one mod with the
AGC,which has helped some,
but the audio needs more attention!

Hope to see many inputs in the group by time:))

Good luck and good DX!

Alf Aardal

Gurskoy at the mid- and west coast of Norway

alfardal@...

35. List Owner MIA

Yahoo group: nrd-525-535
Date: 2001-03-24 04:06:27 UTC
From: Paul Cady
Topic: 35 Message: 35

Sorry I've been totally absent from the list lately. Everything, including my duties to this group, is on hold as my boss was recently diagnosed with prostate cancer and is about to have surgery. He's a great guy with family and the prognosis looks good but things are a tad jammed up at the moment as we are about to lose him for an extended period of time.

About the only time I have to listen to anything on the NRD-525 is the BBC and that only once a day.

I'll get back to holding up my end as soon as I can.

Thanks,
-Paul

36. NRD 525

Yahoo group: nrd-525-535
Date: 2001-04-02 16:05:39 UTC
From: nicolj2000@yahoo.ca
Topic: 36 Message: 36

Greetngs All:
I am the satisfied owner of a NRD 525 for the past ten years. I is worth every penny I paid. My main use is access to BBC World Service. I have no other skills or talents in using all the power of the radio. I have just found this yahoogroup after looking for a Saab group. I can't believe my luck as I know no one with this radio. I keep saying I have to do something original with the antenna - all I use is a Sony AN-1 active. Any advice welcomed. I am located in Dundas, Ontario, Canada.
Are there members in Canada?
Cheers Jim

37. Re: NRD525 NB operation

Yahoo group: nrd-525-535
Date: 2001-04-10 18:06:10 UTC
From: Bob Mozeleski
Topic: 33 Message: 37

The NB on my 525 seems to work but it doesn't light up anything on the display. If you look close when the display is off you can see the letters "NB" but i've never had it light up. I can also see ATT which lights up, but next to that is ATT1 ATT2 which won't light either.

> My 525 has the NB controls apparently non operative: I tried years
> ago to have them "repaired", but nothing really happened.
> Is there somebody who can halp me in fixing this situation? Thanks
in
> advance for any kind of suggestion!
> Ciao from Italy, Antonio

38. Re: Introduction!

Yahoo group: nrd-525-535
Date: 2001-04-10 18:08:07 UTC
From: Bob Mozeleski
Topic: 34 Message: 38

Could you post some info on the AGC modification for us all?

> I hope by time to get more done on my 525,which I feel is a good
> radio,but needs to be done more with! I have done one mod with the
> AGC,which has helped some,
> but the audio needs more attention!
> Hope to see many inputs in the group by time:))
> Good luck and good DX!
> Alf Aardal
> Gurskoy at the mid- and west coast of Norway
> alfardal@o...

39. 22 pin connectors

Yahoo group: nrd-525-535
Date: 2001-04-10 18:09:56 UTC
From: Bob Mozeleski
Topic: 39 Message: 39

I finally got the 22 pin connectors for the JRC extender boards. I've got 6 pairs of these available for group members at my cost. Cost is $12 for 4 connectors, (2 male, 2 female) enough to make one extender board. Shipping would probably be about $2.00 The female have straight pins while the male have 90 degree bends. I'm in between jobs and possibly moving soon so I haven't been able to even solder mine up yet. I have a picture of the original extender board I saw for sale on eBay so I am trying to make it like that. It was a copper clad board but I am trying to make mine on Radio Shack perf-board instead. That sold for $159 I think. The picture showed 22 separate shielded wires. I did get a price on 25 or 26 conductor shielded flat ribbon cable of $31 per 100 ft. I don't know if the wires have to be shielded or not but I am thinking they should be. If anyone wants these connectors, please e-mail me and I'll get them shipped out.

40. CMH-532

Yahoo group: nrd-525-535
Date: 2001-04-10 23:27:18 UTC
From: Michael Fenton
Topic: 40 Message: 40

Anyone have an extra one? :-(
(computer control option)
Thanks

41. R: [nrd-525-535] Re: NRD525 NB operation

Yahoo group: nrd-525-535
Date: 2001-04-14 18:54:52 UTC
From: a.e.t.
Topic: 41 Message: 41

Thanks Bob for your answer! The problem with noise blanker of my NRD525 is that it does not operate at all: my house is located in Milan, where a lot of noise exists, but the two controls do not introduce any change in the noise background! Ciao, Antonio.
----- Original Message -----
From: Bob Mozeleski <bmozeleski@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, April 10, 2001 8:06 PM
Subject: [nrd-525-535] Re: NRD525 NB operation

> The NB on my 525 seems to work but it doesn't light up anything on
> the display. If you look close when the display is off you can see
> the letters "NB" but i've never had it light up. I can also see ATT
> which lights up, but next to that is ATT1 ATT2 which won't light
> either.
>
> > My 525 has the NB controls apparently non operative: I tried years
> > ago to have them "repaired", but nothing really happened.
> > Is there somebody who can halp me in fixing this situation? Thanks
> in
> > advance for any kind of suggestion!
> > Ciao from Italy, Antonio
>
>
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>

42. (no subject)

Yahoo group: nrd-525-535
Date: 2001-05-31 17:15:09 UTC
From: dl2ebv@darc.de
Topic: 42 Message: 42

[Body unavailable in the source archive]

43. NRD 525 for sale

Yahoo group: nrd-525-535
Date: 2001-07-05 14:17:44 UTC
From: reillyevan@hotmail.com
Topic: 43 Message: 43

I have an NRD 525 I am thinking of selling on Ebay. i have updated the ROM IC & added better filters. I have the RS-232C cable & have used it connected to my PC. Have original owner manual with schematics.
it needs a new battery (2032).
any ballpark figures on price ranges would be appreciated.
tnx...
evan reilly

44. Re: [nrd-525-535] NRD 525 for sale

Yahoo group: nrd-525-535
Date: 2001-07-05 18:35:59 UTC
From: William H. Bowen
Topic: 43 Message: 44

Evan,

I've seen 525s go anywhere from $350 to $800. Obviously the more "goodies" the radio has, the more it will sell for. The RS-232 Option is highly prized, since you can no longer get the lit from JRC (or anyone else I know of) whereas filters are easy to get and install.

I'd recommend you look at a reserve of around $450, and I'll bet the radio sells for more. For example, the 525 I bought last August had a complete set of good filters, the RS-232 board, the Eskab Sync Detector Board, Service Manual and original JRC shipping carton - I bought it from a private party here in San Francisco for $500.

Regards,
Bill Bowen
bowenb@...
Daly City, CA

To: nrd-525-535@yahoogroups.com
From: reillyevan@...
Date sent: Thu, 05 Jul 2001 14:17:44 -0000
Send reply to: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] NRD 525 for sale

> I have an NRD 525 I am thinking of selling on Ebay. i have updated
> the ROM IC & added better filters. I have the RS-232C cable & have
> used it connected to my PC. Have original owner manual with
> schematics.
> it needs a new battery (2032).
> any ballpark figures on price ranges would be appreciated.
> tnx...
> evan reilly
>
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>
>
>

45. Re: [nrd-525-535] NRD 525 for sale

Yahoo group: nrd-525-535
Date: 2001-07-05 22:23:35 UTC
From: av8tor@flash.net
Topic: 43 Message: 45

I bought my 525 for about $500 a year ago on eBay. It was in perfect
condition but did not have any extras.
George
http://www.Licensed4Fun.com

_____
I make Over $5000 per Week on eBay!
Make eBay(tm) Your Job and Earn BIG $$$
--> http://www.licensed4fun.com/ebay.htm <--
_____

46. Introduction

Yahoo group: nrd-525-535
Date: 2001-07-29 20:36:11 UTC
From: cjgirard@club-internet.fr
Topic: 8 Message: 46

Hello Group ! from France

Hello. Thought I would type up a few words here. My name is Jean Maurice GIRARD, from
NANTES, FRANCE(Atlantic coast). I have bought my 525 long time ago (second hand very low price) and I
love this radio. Fitted with RS232, filters CFI 231 and CFL 233 and CF36.

Longwire antenna, on the top of de roof to the end of the garden, with RF system baloon.

I use to command this receiver with a user-frendly WINDOWS 95/98 software (TOOLBOOK based) with full functions for DXING(copy, paste in text mode (from internet for instance), send frequencies, scan ...).

In the near future, I will hope to have time to send files about NRD 525 to the newsgroup files area :

- modifications not listed
- freeware TOOLBOOK I use to control my NRD 525
- others item in my archives
...

Best 73's
Jean Maurice GIRARD

47. Re: [nrd-525-535] Introduction

Yahoo group: nrd-525-535
Date: 2001-07-29 22:01:14 UTC
From: William H. Bowen
Topic: 8 Message: 47

Jean Maurice,

Welcome to the group, and greetings from the Pacific Coast of the USA!!
I'm not the "official greeter", but when I see someone new in the group, I
usually pipe up and say "HELLO".

I know I do speak for everyone when I do say "Weclome" and that we look
foward to you sharing your experiences with your 525 and any contributions
you wish to add to the file area. Postions of the User's Manual are already
there, and I've lent the list owner a Service Manual (in English), which he is
in the process of scanning, that will be added to the files area.

I've also got some planned additions of some info I have, which I'll add
when I get the time away from working 60 hour weeks at work.

There are times I wish I could treat my hobbies as my job and my job as a
hobby . . . oh well, when I win the lottery.

Regards,
Bill Bowen
bowenb@...
Daly City, CA USA

To: nrd-525-535@yahoogroups.com
From: cjgirard@...
Date sent: Sun, 29 Jul 2001 20:36:11 -0000
Send reply to: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Introduction

> Hello Group ! from France
>
> Hello. Thought I would type up a few words here. My name is Jean
> Maurice GIRARD, from
> NANTES, FRANCE(Atlantic coast). I have bought my 525 long time ago
> (second hand very low price) and I
> love this radio. Fitted with RS232, filters CFI 231 and CFL 233 and
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> Longwire antenna, on the top of de roof to the end of the garden,
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> I use to command this receiver with a user-frendly WINDOWS 95/98
> software (TOOLBOOK based) with full functions for DXING(copy, paste
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>
> In the near future, I will hope to have time to send files about NRD

> 525 to the newsgroup files area :
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> - modifications not listed
> - freeware TOOLBOOK I use to control my NRD 525
> - others item in my archives
> ...
>
> Best 73's
> Jean Maurice GIRARD
>
>
>
> To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
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>
>
>

48. NRD-525 CMH-232 serial communication protocol

Yahoo group: nrd-525-535
Date: 2001-08-07 08:51:07 UTC
From: cjgirard@club-internet.fr
Topic: 48 Message: 48

Below is the user manual for CMH-232.
But end of section "6-Controls Commands" is missing !

Does someone accept to help me and accept to add missing lines?
Please send your answer to this group.

Jean Maurice GIRARD

--------START CMH-232 USER MANUAL ------------------
NRD 525 - CMH-532 RS232C
SERIAL COMMUNICATION PROTOCOL

Thank for your purchasing the RS-232C Interface Unit CMH-532.
Connection of the CMH-532 to the NRD-525 allows external setting of
receiving frequencies, mode, etc.
If the serial N°. marked on the rear panel of your NRD-525 happens to
be any of BR36071 through BR36120, the ROM in the CPU unit (CDC-353)
must be repalced. In that case, please contact a nearby JRC dealer or
JRC branch.

1-Composition
The unit consists of the followings, please check the content of the
package against the following list :
n RS-232C interface unit CMH-232 : 1
n Cable H-6ZCJD00141 : 1
n PCB pulling metal piece : 2
n Output connector(with 12 solderless terminals) :1

2-Specifications
(1)Signal level : RS-232C
(2)Baud rate : 300 or 1200 bauds
(3)Character composition : 8 bits without parity with 1 stop bit
(4)Control items : Receiving frequency, mode bandwidth,
AGC,attenuator, re-write of memory channels.
(5)Items of receiver-status : frequency, attenuator, memory channel
number.

3-Installation
Befor starting work, extract the power cable for the NRD-525. Do not
remove other units unless necessary.
(1) Remove the upper cover, refferring to « Fig.9-1 Removing Covers
» i the instruction manual for NRD-525.
(2) (2)Remove the CMH-632 Data I/O unit , reffering to « Fig. 9-2
Removing Unit » in instruction manual for NRD-525 .
(3) Using J45 (10 Pins) and J46 (12 Pins) on the data I/O unit and
P45 and P46 on the interface unit, connect these two PCB's. In doing
so, do not forget to fix pacers (plastic).(See Fig. 1.).

Fig.1

(4) When the two PCB's have been securely connected, put the data I/O unit to the original position by pushing it along the rail. If it is not inserted sufficiently, the unit may fail to work du to improper contact.
NEVER APPLY FORCE TO THE INTERFACE UNIT (CMH-532).

(5) Connect the cable H-6ZCJD00141 as shown in Fig . 2.

Fig. 2

(6) When installation is over, the signals shown in table 1 are applied to the RS-232C connector pins at the rear of the NRD-525 :

1 -> -12V
2 -> SG
3 -> +12V
4 -> DR
5 -> CS
6 -> RD
7 -> ER
8 -> RS
9 -> SD
10 -> RTTY*

*RTTY is the output from the CMH-530 RTTY demodulator unit (optional). It has the RS232C signal level.

4-Connection to an external device
Connection to an external device varies with the specifications of external device. Table 2 shows a typical example of connection. Referring to this figure, prepare a cable suitable for the specifications of the device. If the RS-232C connector for the external device is a standard 25-pins connector, connection shown in Table 2-(a) can be easily accomplished with the use of a specially designed cable H-6ZCJD00140(optional).

Connections shown in table 2-(b) through Table2(d) requires the change of wires.

Table 2(a)
RS-232C handshake with terminal
2(SG) <-> 1(SG)
9(SD) <-> 3(RD)
6(RD) <-> 2(SD)
8(RS) <-> 5(CS)
5(CS) <-> 4(RS)
4(DR) <-> 20(ER)
7(ER) <-> 6(DR)

Table 2(b)
RS-232C no handshake with terminal
2(SG) <-> 1(SG)

9(SD) <-> 3(RD)
6(RD) <-> 2(SD)
8(RS) 4(RS) *
5(CS) - 5(CS) *
4(DR) - 6(DR) *
7(ER) - 10(ER) *
* User definition

Table 2-(c)
RS-232C handshake with MODEM
2(SG) <-> 1(SG)
9(SD) <-> 2(SD)
6(RD) <-> 3(RD)
8(RS) <-> 4(RS)
5(CS) <-> 5(CS)
4(DR) <-> 6(DR)
7(ER) <-> 20(ER)

Table 2-(d)
RS-232C no handshake with MODEM
2(SG) <-> 1(SG)
9(SD) <-> 2(SD)
6(RD) <-> 3(RD)
8(RS) 4(RS)*
5(CS) 5(CS)*
4(DR) 6(DR)*
7(ER) 20(ER)*
*User definition.

5-Selection of Baud Rate

Each time the numerical key 8 is pressed with the MEMO switch depressed, 300 bauds and 1200 bauds is selected by turns. Accordingly, the vaccum fluorescent display indicate 300 and 1200 by turn.
CAUTION !
n The clock or frequency cannot be changed while the baud rate is indicated. Also, the frequency cannot be changed with the timing control or UP/DOWN switch.
n To clear the indication press CLR switch, or press the FREQ, CHANNEL, CLOCK/TIMMER, SCAN or SWEEP switch according to your purpose.

6-Control commands
Each of the commands used to control the NRD-525 consists of one-byte code, indicating the control item(contents of control), and argument (1-8 bytes) peculiar to each control item. (Some codes are not used). As an argument, the ASCII Code « 0 » through « 9 » are used.

The control items are as follows :
« A » Argument : 1 byte
Selects on/off attenuator.
Argument « 0 » : Attenuator off

Argument « 1 » : Attenuator on
Argument « 2 » « 9 » : Data error
for example a string « A1 » is sent to turn on the attenuator.

« B » Argument : 1 byte
Selects bandwidth.
Argument - Bandwidth
« 0 » : WIDE
« 1 » : INTER
« 2 » : NARR
« 3 » : AUX
« 4 » to « 9 » : Error
If a string « B2 » is sent to the receiver when optional filter in not mounted, an error occurs and this control data is ignored by the receiver.
To set INTER, string « B1 » is sent.

« C » Argument : 3 bytes
Sets the receiver memory channel N°.. The argument specifies the digit of 100, 10, and 1 in that order. If any of the channel N°. 200999~is specified, data error occurs and this control data is ignored. To set the channel N°. 123, a string « C123 » must be sent. Leading 0 cannot be omitted to make a correct command string.

« D » Argument : 1 byte
Sets the mode (type of emission).
The relation between the argument and the modes ar as follows.
Argument - Mode
« 0 » : RTTY
« 1 » : CW
« 2 » : USB
« 3 » : LSB
« 4 » : AM
« 5 » : FM
« 6 » : FAX
« 7 » to « 9 » : Error
To set AM, a string « D4 » is to be sent.

« F » Argument : 8 bytes
Sets the receiving frequency
The 8-byte argument specifies the digits of 100 MHz to 10 Hz of receiving frequency. If the frequency control data falls out of the receivable range, error occurs.
If a frequency data greater than 100 MHz is to be sent to the receiver with VHF/UHF converter (CMK-165), the digit of 10 Hz of synthesizer can be set but is not indicated.
To set 14.250 MHz, a string « F01425000 » must be sent. Leading 0 cannot be ommitted to make a correct command string.

« G » Argument : 1 byte
Selects AGC.

The relation between the argument and AGS ar as follows.
Argument - Mode
« 0 » : SLOW
« 1 » : FAST
« 2 » : Off
« 3 » to « 9 » : Error
To set FAST, a string « G1 » must be sent.

« E » Argument : 1 byte
Sets on-off of external control (RECEIVE MODE).
The argument « 1 » turns on RECEIVE and argument « 0 » turns offr RECEIVE. If an external controller once send a string « H1 » to the NRD-525, it can be controlled by the controller with use of control commands. To externally control NRD-525, « H1 » are to be given to the NRD-525 first. If RECEIVE has been turn on, the vaccum fluorescent display on the NRD-525 indicates « REMOTE » and the led for LOCK is lit. Then, all the key switches, PBS control, BFO control and tuning control excepting the DIMMER and RIT switches on the panel of the NRD-525 are electricaly locked. However, the tuning control works as the RIT control if the RIT switch is turned on.

Every time « H1 » is sent to the receiver, the data which indicating present receiver status(frequency, mode, bandwidth, AGC, attenuator,memory channel N°.) are sent back once to the controller.

Thereafter, the data of controlled item are sent back. However, if the channel is set, the data of all items are sent back. Fore example, if « H1 » is given to the receiver, when the settings of the receiver are the frequency 14.25 MHz, channel N°. 123 CH, mode USB, AGC FAST, ATT OFF, and bandwidth AUX, the data arr sent back according to the following format
« C123 », CR -> Channel N° 123 CH
« D2 », CR -> Mode USB
« G1 », CR -> AGC FAST
« A0 », CR -> Attenuator OFF
« B3 », CR -> Bandwidth AUX
« F01425000», CR -> Frequency 14.25 MHz

If setting has been done individually, the .....
.....
missing lines !
missing lines !
missing lines !
missing lines !
missing lines !
missing lines !
.....
puter).

For enabling above applications, you may need sufficient knowledges on signal format which you wish to receive as on hard and software of

personnal computer. Furthermore, you may need sufficient programming capability.

----------END OF CMH-532 MANUAL----------

49. Re: Introduction

Yahoo group: nrd-525-535
Date: 2001-08-07 08:56:24 UTC
From: cjgirard@club-internet.fr
Topic: 8 Message: 49

Best thanks for your "welcome" message.
I hope also to contribute to the group in the near future.

Regards
JM GIRARD

--- In nrd-525-535@y..., "William H. Bowen" <bowenb@b...> wrote:
> Jean Maurice,
>
> Welcome to the group, and greetings from the Pacific Coast of the
USA!!
> I'm not the "official greeter", but when I see someone new in the
group, I
> usually pipe up and say "HELLO".
>
> I know I do speak for everyone when I do say "Weclome" and that
we look
> foward to you sharing your experiences with your 525 and any
contributions
> you wish to add to the file area. Postions of the User's Manual are
already
> there, and I've lent the list owner a Service Manual (in English),
which he is
> in the process of scanning, that will be added to the files area.
>
> I've also got some planned additions of some info I have, which
I'll add
> when I get the time away from working 60 hour weeks at work.
>
> There are times I wish I could treat my hobbies as my job and my
job as a
> hobby . . . oh well, when I win the lottery.
>
> Regards,
> Bill Bowen
> bowenb@b...
> Daly City, CA USA
>
> To: nrd-525-535@y...
> From: cjgirard@c...
> Date sent: Sun, 29 Jul 2001 20:36:11 -0000
> Send reply to: nrd-525-535@y...
> Subject: [nrd-525-535] Introduction
>
> > Hello Group ! from France

> >
> > Hello. Thought I would type up a few words here. My name is Jean
> > Maurice GIRARD, from
> > NANTES, FRANCE(Atlantic coast). I have bought my 525 long time
ago
> > (second hand very low price) and I
> > love this radio. Fitted with RS232, filters CFI 231 and CFL 233
and
> > CF36.
> >
> > Longwire antenna, on the top of de roof to the end of the garden,
> > with RF system baloon.
> >
> > I use to command this receiver with a user-frendly WINDOWS 95/98
> > software (TOOLBOOK based) with full functions for DXING(copy,
paste
> > in text mode (from internet for instance), send frequencies,
> > scan ...).
> >
> > In the near future, I will hope to have time to send files about
NRD
> > 525 to the newsgroup files area :
> >
> > - modifications not listed
> > - freeware TOOLBOOK I use to control my NRD 525
> > - others item in my archives
> > ...
> >
> > Best 73's
> > Jean Maurice GIRARD
> >
> >
> >
> > To unsubscribe from this group, send an email to:
> > nrd-525-535-unsubscribe@y...
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >
> >
> >

50. Re: Introduction

Yahoo group: nrd-525-535
Date: 2001-08-07 08:56:40 UTC
From: cjgirard@club-internet.fr
Topic: 8 Message: 50

Best thanks for your "welcome" message.
I hope also to contribute to the group in the near future.

Regards
JM GIRARD

--- In nrd-525-535@y..., "William H. Bowen" <bowenb@b...> wrote:
> Jean Maurice,
>
> Welcome to the group, and greetings from the Pacific Coast of the
USA!!
> I'm not the "official greeter", but when I see someone new in the
group, I
> usually pipe up and say "HELLO".
>
> I know I do speak for everyone when I do say "Weclome" and that
we look
> foward to you sharing your experiences with your 525 and any
contributions
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> there, and I've lent the list owner a Service Manual (in English),
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> when I get the time away from working 60 hour weeks at work.
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> There are times I wish I could treat my hobbies as my job and my
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> hobby . . . oh well, when I win the lottery.
>
> Regards,
> Bill Bowen
> bowenb@b...
> Daly City, CA USA
>
> To: nrd-525-535@y...
> From: cjgirard@c...
> Date sent: Sun, 29 Jul 2001 20:36:11 -0000
> Send reply to: nrd-525-535@y...
> Subject: [nrd-525-535] Introduction
>
> > Hello Group ! from France

> >
> > Hello. Thought I would type up a few words here. My name is Jean
> > Maurice GIRARD, from
> > NANTES, FRANCE(Atlantic coast). I have bought my 525 long time
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> > (second hand very low price) and I
> > love this radio. Fitted with RS232, filters CFI 231 and CFL 233
and
> > CF36.
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> > Longwire antenna, on the top of de roof to the end of the garden,
> > with RF system baloon.
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> > - others item in my archives
> > ...
> >
> > Best 73's
> > Jean Maurice GIRARD
> >
> >
> >
> > To unsubscribe from this group, send an email to:
> > nrd-525-535-unsubscribe@y...
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >
> >
> >

51. JRC NRD-525 Modification to Allow 5 Selectable Bandwidths

Yahoo group: nrd-525-535
Date: 2001-08-11 08:45:25 UTC
From: cjgirard@club-internet.fr
Topic: 51 Message: 51

Here is a modification I practice on my NRD525, to recover 12 kHz bandwidth on AUX bandwidth position.
Mod only useful if two additionnal IF filters are installed on CFH-36 IF FILTER board.

Thanks to Mrs Elton BYINGTON.

Jean Maurice GIRARD

JRC NRD-525 Modification to Allow 5 Selectable Bandwidths

By Elton "Bi" Byington, Associated Press, N-Y

OBJECRIVE:
Tbe Japan Radio Company NRD-525 is a state-of-the-art communications receiver of exceptional versatility for SWLs and hams alike. As delivered from the factory it includes IF filters for 4 kHz and 2.7 kHz at the -6 dB points. Tbere is a third selectable bandwidth, 12 kHz, which bypasses the IF filters and provides wide-range audio when listening to strong, interference-free AM broadcasts. There is provision for the installation of two additional IF bandpass filters, the second of which, in the AUX position, sacrifices the 12 kHz bandwidth. This modification is designed to retain the wider bandwidth as a selectable option.

CIRCUIT ANALYSIS:
1 have installed two optioiial filters in my receiver, 300 Hz in the NARR position and 1.7 kHz in the AUX position. I use them for CW and RTTY reception and am quite happy with their opération. But soon after installing the narrower filters, 1 found myself wishing for the wideband audio the set's capable of delivering.
Bandwidth sélection is accomplished on the CFH-36 IF Filter Unit board via IC1 and switching diodes CD7 through CD13. When the AUX filter is installed, jumper W1 is moved from C to B, as it comes from the factory, to C to A, enabling the AUX selection line as driven by ICI, pin 4, to forward-bias CD8B and CD11B, thus putting the AUX filter, FL6, in line.
If left in the C to B position, IC1 pin 4 forward biases CD9 and CD12 via R67 and CD13B. When the FM mode is selected, IC1 is out of the circuit and the CD9-CD12 junction is biased into conduction via a separate sélection line (FM-bar) through CD13A. CD9 and CD12 effectively bypass the IF filter units entirely, restoring the 12 kHz bandwidth.
I reasoned that making the Wl jumper a switched option, I could keep the pleasant audio I'd enjoyed from the radio.

METHOD:
After much gnashing of teeth and pulling of hair trying to find some way of electronically forcing the FM-not line low and taking IC1 out of the picture, I decided to make a quick and dirty modification and replace the Wl jumper with a small SPDT toggle switch.
1 ran three #22 stranded wires from the three jumper points (A, B and C) to a small switch from my junk box, then fashioned an aluminum bracket for the switch and mounted it by friction between the rear of the radio's card cage and the rear panel. I positioned the bracket so that the switch's handle protrudes about 1/4 inch through one of the ventilation slots at the rear top of the receiver.
The switch's wiper goes to Wl-C and the selected contacts to A and B. Be sure to use enough wire to allow the easy removal and replacement of the IF filter board. Lead dress is not critical as these are not signal lines.
Flip the switch to the A position and the 1.7 kHz IF filter is in line. Flip the switch to the B position, the filters are bypassed and the bandwidih of the IF is again 12 kHz.
A nice feature of this modification is that it can bc removed without a trace, should you decide to sell the radio.

CONCLUSION:
This scheme isn't elegant, but it sure does work-. I'll bet I'm the only guy on my block with an NRD-525 with five bandwidths!

---

52. NRD 525 Process Loop Mod

Yahoo group: nrd-525-535
Date: 2001-08-11 08:55:37 UTC
From: cjgirard@club-internet.fr
Topic: 52 Message: 52

Here is another modification I don't made on my NRD525.
I think this mod is peraphs not so useful, but if someone needs ?

Jean Maurice GIRARD

JRC NRD-525 Modification to Allow 5 Selectable Bandwidths

By Elton "Bi" Byington, Associated Press, N-Y

OBJECTIVE:
Tbe Japan Radio Company NRD-525 is a state-of-the-art communications receiver of exceptional versatility for SWLs and hams alike. As delivered from the factory it includes IF filters for 4 kHz and 2.7 kHz at the -6 dB points. Tbere is a third selectable bandwidth, 12 kHz, which bypasses the IF filters and provides wide-range audio when listening to strong, interference-free AM broadcasts. There is provision for the installation of two additional IF bandpass filters, the second of which, in the AUX position, sacrifices the 12 kHz bandwidth. This modification is designed to retain the wider bandwidth as a selectable option.

CIRCUIT ANALYSIS:
1 have installed two optioiial filters in my receiver, 300 Hz in the NARR position and 1.7 kHz in the AUX position. I use them for CW and RTTY reception and am quite happy with their opération. But soon after installing the narrower filters, 1 found myself wishing for the wideband audio the set's capable of delivering.
Bandwidth sélection is accomplished on the CFH-36 IF Filter Unit board via IC1 and switching diodes CD7 through CD13. When the AUX filter is installed, jumper W1 is moved from C to B, as it comes from the factory, to C to A, enabling the AUX selection line as driven by ICI, pin 4, to forward-bias CD8B and CD11B, thus putting the AUX filter, FL6, in line.
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I reasoned that making the Wl jumper a switched option, I could keep the pleasant audio I'd enjoyed from the radio.

METHOD:
After much gnashing of teeth and pulling of hair trying to find some way of electronically forcing the FM-not line low and taking IC1 out of the picture, I decided to make a quick and dirty modification and

replace the Wl jumper with a small SPDT toggle switch.
1 ran three #22 stranded wires from the three jumper points (A, B and C) to a small switch from my junk box, then fashioned an aluminum bracket for the switch and mounted it by friction between the rear of the radio's card cage and the rear panel. I positioned the bracket so that the switch's handle protrudes about 1/4 inch through one of the ventilation slots at the rear top of the receiver.
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Flip the switch to the A position and the 1.7 kHz IF filter is in line. Flip the switch to the B position, the filters are bypassed and the bandwidih of the IF is again 12 kHz.
A nice feature of this modification is that it can bc removed without a trace, should you decide to sell the radio.

CONCLUSION:
This scheme isn't elegant, but it sure does work-. I'll bet I'm the only guy on my block with an NRD-525 with five bandwidths!

-

53. FINNISH language mod

Yahoo group: nrd-525-535
Date: 2001-08-11 09:08:05 UTC
From: cjgirard@club-internet.fr
Topic: 53 Message: 53

Does someone speak Finnish and English to translate a mod (for 525
not 535 as mentionned) with some photographies at this address :
http://www.sci.fi/~ijl/nrd535.html.

Peraphs Thomas NILSSON speaks Finnish ?

Jean Maurice GIRARD

54. date of production??

Yahoo group: nrd-525-535
Date: 2001-08-25 01:13:01 UTC
From: j.f.krueger@gmx.de
Topic: 54 Message: 54

hi group,

today I got my "brandnew" nrd-525 and I´m wondering, if I can figure
out the date of production by the serial-no. of the receiver.

serial-no. is: BR 39378

Does anyone know?

55. NRD-525 back-up-battery

Yahoo group: nrd-525-535
Date: 2001-08-26 15:07:24 UTC
From: juergen.krueger@freenet.de
Topic: 55 Message: 55

Hi,

my NRD-525 must be about 10 years old now, but none of the former owners seems to have changed the lithium battery for the back-up of the memories. anyway it works fine and storing stations is possible up to now.

has anyone of you ever experienced, what happens, when this battery is empty?

is working still possible or will the whole receiver be affected by this??

thanks in advance,

73´s from a new nrd-525-owner

juergen

56. Re: NRD-525 back-up-battery

Yahoo group: nrd-525-535
Date: 2001-08-26 17:15:37 UTC
From: cjgirard@club-internet.fr
Topic: 55 Message: 56

My NRD 525 is from june 1988.
No pb with the lithium battery for me to.

See a previous messages when someone try to change the lithium battery
with success i suppose.

Jeam Maurice

--- In nrd-525-535@y..., juergen.krueger@f... wrote:
> Hi,
>
> my NRD-525 must be about 10 years old now, but none of the former
> owners seems to have changed the lithium battery for the back-up of
> the memories. anyway it works fine and storing stations is possible
> up to now.
>
> has anyone of you ever experienced, what happens, when this battery
> is empty?
>
> is working still possible or will the whole receiver be affected by
> this??
>
>
> thanks in advance,
>
> 73´s from a new nrd-525-owner
>
> juergen

57. Re: date of production??

Yahoo group: nrd-525-535
Date: 2001-08-26 17:18:05 UTC
From: cjgirard@club-internet.fr
Topic: 54 Message: 57

Thanks to you for sending a message !

I was wondering if this groupe was definitely asleep!

Jean Maurice GIRARD

--- In nrd-525-535@y..., j.f.krueger@g... wrote:
> hi group,
>
> today I got my "brandnew" nrd-525 and I´m wondering, if I can
figure
> out the date of production by the serial-no. of the receiver.
>
> serial-no. is: BR 39378
>
> Does anyone know?

58. Re: FINNISH language mod

Yahoo group: nrd-525-535
Date: 2001-08-26 17:20:32 UTC
From: cjgirard@club-internet.fr
Topic: 53 Message: 58

Here is the answer of Ilpo J Leppänen <ijl@...>
<<<<<<<
Hello Jean Mauricie!

I try translate my JRC modification pages later in this year...

73 de Ilpo
>>>>>>>>>>>

--- In nrd-525-535@y..., cjgirard@c... wrote:
> Does someone speak Finnish and English to translate a mod (for 525
> not 535 as mentionned) with some photographies at this address :
> http://www.sci.fi/~ijl/nrd535.html.
>
> Peraphs Thomas NILSSON speaks Finnish ?
>
> Jean Maurice GIRARD

59. Re: date of production??

Yahoo group: nrd-525-535
Date: 2001-08-27 12:38:16 UTC
From: cjgirard@club-internet.fr
Topic: 54 Message: 59

Hello Jurguen

My NRD 525 was previously bought in PARIS on June 1988.

I suppose it was manufactured one ou three month earlier in Japan.
It' serial Number is BR 42 896

ROM identification : 7DEJD0072B CDC 353 (on CPU board)

Best regards

--- In nrd-525-535@y..., j.f.krueger@g... wrote:
> hi group,
>
> today I got my "brandnew" nrd-525 and I´m wondering, if I can
figure
> out the date of production by the serial-no. of the receiver.
>
> serial-no. is: BR 39378
>
> Does anyone know?

60. W1 W2 W3 W4 on NRD525 CPU board ?

Yahoo group: nrd-525-535
Date: 2001-08-27 13:05:31 UTC
From: cjgirard@club-internet.fr
Topic: 60 Message: 60

Hello group !

Does someone know the function of W1, W2 W3 and W4 straps on NRD 525 CPU board CDC-353?

Does someone try to cut (W1, W2, W3), or to connect for W4, these straps and saw something hapen?

Peraphs one of them is to send RTTY decoded data to RS232 ?

Jean Maurice GIRARD

61. Re: W1 W2 W3 W4 on NRD525 CPU board ?

Yahoo group: nrd-525-535
Date: 2001-08-29 02:36:03 UTC
From: Bob Mozeleski
Topic: 60 Message: 61

Here is the data sheet on this chip
http://www.okisemi.com/communicator/public/nf/docs/Intro-6110.html

> Does someone know the function of W1, W2 W3 and W4 straps on NRD
525
> CPU board CDC-353?
>
> Does someone try to cut (W1, W2, W3), or to connect for W4, these
> straps and saw something hapen?

62. Re: NRD 525 Process Loop Mod

Yahoo group: nrd-525-535
Date: 2001-08-29 20:17:30 UTC
From: cjgirard@club-internet.fr
Topic: 52 Message: 62

Here is below the true message for the subject :

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
Date: 19 Sep 89 17:50:45
From: Tom Kashuba
To: Tom Sundstrom
Subj: NRD Audio Loop Mod

EID:7787 13338e56
In a message of <16 Sep 89 10:07:58>, Tom Sundstrom (8:950/2) writes:

TS:I don't know how to make toast. Good luck with it. One
TS:trick, since you have the same setup I do... take the
TS:tape recorder output of the FL3 and run it into the
TS:second audio input of the M-7000.

You read my mind. That is, after 2 weeks of ownership of the NRD525
+ FL3 +
M7000 combo, I'm a little frustrated over there being no audio
processing loop
in the NRD. Of course no other receivers seem to have that but for
full blown
kits like we're discussing, the lack of one is a pain when wanting to
feed the
processed signal to equipment like that M7000 at a fixed line level
gain while
having the same post-processed signal available for volume control on
the
NRD's internal or external speaker.

I found two ways around this.

____
___/ 1. External Amp. ___

I have one of those el-cheapo, all in one, clock radio's with
external
'phono/aux' input. So ....

.---. .---.
| | | |TapeOut-> Input #1:M-7000:
|NRD|LineOut--> Input|FL3|
| | | |Output--> Clock/Radio/Amp w/Vol
`---' `---'

That way, I always drive the FL3 and M-7000 with a fixed LINE level
outut with

minimal distortion and little adjustment. The downside, is that I am not
availing myself of the convenience of the NRD's volume control and has shades
of Rube Goldberg in its operation <that's dating me>. I still keep reaching
for the NRD volume when I need to adjust the Clock/Radio's, instead. But it
works well and seems to improve the audio a bit as I feed a 4 ohm 6x9 coaxial
speaker with the clock radio's amp which give more emphasis to the upper mid
range and is less boxy sounding than the NRD's external speaker.

The service manual also says that the NRD's TONE control is simply a HF cut.
So, I run the NRD's TONE at HI to send all the audio through and let the
external radio's tone control (probably the same) do the tone controlling. An
in-line 3-5 band equalizer or one of those simplistic integrated amps with
equalizer from Radio Shack would be nice to try, instead.

___/ 2. Process Loop Mod ___

After a week of nightly study of the manuals, I discovered in the NRD service
manual that the audio lines going to and from the front panel's volume pot are
carried neatly in a cable bundle group which connects the NRD "motherboard" to
the front panel's "display board". As more experienced El-Techies probably
know, the line level audio that comes out as LINE is generally taken from a
point just before the audio volume and tone circuits.

So ... if the lines to the pot were cut and rerouted to the back panel, say,
to the MARK and SPACE RCA jacks, then one would have a nifty bridging point
right on the back panel which would provide a TAPE MONITOR or PROCESS LOOP
functionality. After all, few people ever use the NRD's RTTY option which
doesn't hold a candle to things like the M-7000. The result of this mod would
be on par with most integrated audio where one sees a strapping plug between

the PREAMP and AMP sections on the read apron.

Once done, then, one could take a line level signal from the NRD's new line
out at, say, the MARK jack and feed an external processor like the FL-3 with
it. The end of the loop would be completed by taking one of the FL-3's
outputs and feeding back into the SPACE jack which would then be the input to
the NRD's final audio and tone stages. Voila! An audio processing loop -
neatly at the back side and with a minimum structural change or conflict.

When and if I do it, I'll let you know who it works. -Kash

--- msged 1.99S ZTC
* Origin: SWL / Montreal / NRD525,M7000,MFJ1024,FL3 (1:167/99)
SEEN-BY: 13/13 75 129/1 260/204 265/7 266/21 22 32 270/101 271/245
SEEN-BY: 272/1 273/1 950/1 2 11
PATH: 167/99 136 12/700 265/3 7 13/13 266/21 22 950/1

==========
=====

Date: 04 Oct 89 16:01:05
From: Tom Kashuba
To: Tom Sundstrom
Subj: NRD-525 Audio Process Loop

EID:dca3 13448022
Tom, I added the audio process loop to my NRD-525 that we discussed a few
weeks back, in this conference. It works very well and I experienced no
hitches, at all.

To review, I wanted connections for an audio processing loop available on the
rear apron of NRD-525 much like those marked as "PreAmp Out" and "PowerAmp In"
on the back of integrated hi-fi amps. With them, I could then take a LINE
level signal from the new Audio PreAmp Out, pass it through audio processors
like the Datong FL-3, and route it back into the new Audio Power Amp In and
through to the final audio amp and speaker under volume control.

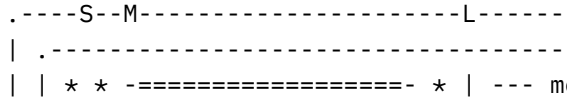
Using this method, one drives the FL-3 at line level while still being able to

control the final voume with the NRD's front panel volume control.
Also, by
taking the 2nd LINE out of the FL3, one can then drive the M-7000
with it for
further clean processing at LINE level. The best of all worlds.

After studying the circuit boards and reviewing things with a few E-
Techie
friends, I found that only 3 solder points that had to be dealt with
using
only two added pieces of shielded coax. All points are readily
visible on the
bottom of the motherboard and all solder points are clear of
obstructions and
easy to get to.

The MARK and SPACE phono jacks on the rear apron were perfect to
serve as the
new Audio IN and OUT functions where MARK (which means ON or 1) is
the OUT and
SPACE (meaning OFF or 0) is the IN. In fact, without the seldom
purchased
RTTY adaptor plugged in, those jacks are disconnected to begin with
because
they are specifically connected to the RTTY adaptor sockets which are
empty
without the adaptor in place. This means, of course, that one
cannot use
that slot. I haven't heard of anyone that does. I certainly won't
with an
M-7000 sitting there.

The idea is that we want to take the existing LINE out and cross feed
it to
the MARK jack. That's real easy since there are pins sticking out of
the
underside of the motherboard, right near the matching jacks on the
rear apron.
The diagram, below, shows a view of the NRD as it sits upside down,
bottom
cover off, rear of unit at the top. The outside dotted lines are the
case
edges, and the inside box is the read edge of the motherboard.



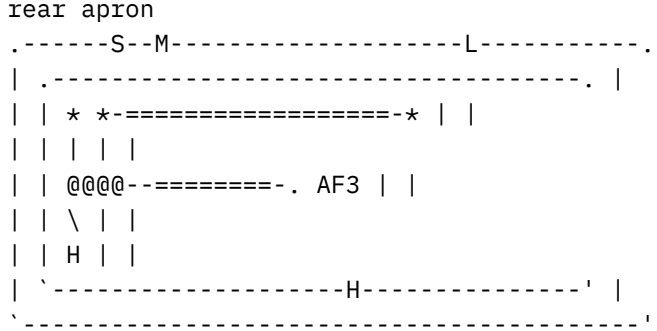
S = SPACE Jack * = Pins on rear underside of motherbd.
M = MARK Jack -======- = Piece of regular audio coax.

I simply soldered in a jumper line of audio coax from the pins of the existing
LINE out to the pins of the MARK jack. That's half the job, already. We now
have a second LINE out. We could actually skip this entire step but without a
2nd LINE out, we'd commit the original one to our audio loop thereby losing
the intended functionality of the NRD design.

The second part is just as easy but difficult to explain the theory of. We
essentially want to be able to feed a signal from the New IN (SPACE) jack to
the volume circuit in the NRD. So, without any external audio processors, we
would use a short audio between the MARK and SPACE jacks to close the open
loop. If external processing is desired, then a cable goes from MARK to
processor and back to SPACE to close the loop.

A little circuit analysis, however, showed that the signal going into the
volume circuit is about 10 times lower than normal LINE level. A quick calc
revealed that adding an 82k or 100k resistor in line with the new SPACE input
would reduce an exteranlly applied LINE level to the proper internal level
expected by the volume circuit.

So, back to the motherboard. The NRD normally takes its input for the volume
circuit from a cable that is tacked on to a point in the center of the
underside of the motherboard which is clearly marked as "AF3". That cable
then runs across the underside of the MB to its front edge where it links to a
connector which connects to the front panel volume pot.



@@@ = 100k resistor
AF3 = printed ID on MB at audio connect point.
H = Old cable from AF3 to from od MB.

The idea is that we want to disconnect this cable at the "AF3" point (in the
center of the MB) and extend it with another piece of coax back to the read
edge MB pin that serves the rear apron's SPACE jack. In so doing, a signal
applied to the SPACE jack will be routed through original cable - on to the
volume pot. The only extra is that we add a 100k resistor between the SPACE
hot pin and the center of the coax to reduce the signal to proper level.

In fact, we need only disconnect the hot line at AF3, leaving the ground lead
grounded. This acts as an achor point and a good ground. We solder the hot
line to the hot line of our coax extension and the ground of the new coax to
the same ground point at AF3. No muss, no fuss, and sturdy.

We lead the new coax back to the read MB pin that serves the SPACE jack. We
solder a 100k resistor to its hot line and solder the other end of the resitor
to the SPACE pin on the MB. Then just solder the coax ground to the MB ground
pin that's right there next to the taller hot pin.

That's it. Much more wordy to describe than to do. I did find the resulting
signal a *very* tiny bit lower than original level with the loop jumpered and
no external processors. I simply tweaked the LINE level pot very slightly to
compensate. You might want to try an 88k resistor, instead. That should make
the level 100% identical to original without even tweaking the LINE LEVEL.

I suggest pulling the underside cover off and staring at things for a while.
It should become much clearer that way. -Kash

--- msged 1.99S ZTC
* Origin: SWL,Montreal,NRD525+M7000+MFJ1024+FL3 (1:167/99)
SEEN-BY: 13/13 75 129/1 260/204 265/7 266/21 22 32 270/101 271/245
SEEN-BY: 272/1 273/1 950/1 2 11
PATH: 167/99 136 12/700 265/3 7 13/13 266/21 22 950/1

>>>

that replace the following text speaking about 5 bandwidth :

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<

--- In nrd-525-535@y..., cjgirard@c... wrote:
> Here is another modification I don't made on my NRD525.
> I think this mod is peraphs not so useful, but if someone needs ?
>
> Jean Maurice GIRARD
> --
> JRC NRD-525 Modification to Allow 5 Selectable Bandwidths
>
> By Elton "Bi" Byington, Associated Press, N-Y
>
> OBJECTIVE:
> Tbe Japan Radio Company NRD-525 is a state-of-the-art
communications
> receiver of exceptional versatility for SWLs and hams alike. As
> delivered from the factory it includes IF filters for 4 kHz and 2.7
> kHz at the -6 dB points. Tbere is a third selectable bandwidth, 12
> kHz, which bypasses the IF filters and provides wide-range audio
when
> listening to strong, interference-free AM broadcasts. There is
> provision for the installation of two additional IF bandpass
filters,
> the second of which, in the AUX position, sacrifices the 12 kHz
> bandwidth. This modification is designed to retain the wider
> bandwidth as a selectable option.
>
> CIRCUIT ANALYSIS:
> 1 have installed two optioiial filters in my receiver, 300 Hz in the
> NARR position and 1.7 kHz in the AUX position. I use them for CW
and
> RTTY reception and am quite happy with their opération. But soon
> after installing the narrower filters, 1 found myself wishing for
the
> wideband audio the set's capable of delivering.
> Bandwidth sélection is accomplished on the CFH-36 IF Filter Unit
> board via IC1 and switching diodes CD7 through CD13. When the AUX
> filter is installed, jumper W1 is moved from C to B, as it comes
from
> the factory, to C to A, enabling the AUX selection line as driven
by
> ICI, pin 4, to forward-bias CD8B and CD11B, thus putting the AUX
> filter, FL6, in line.
> If left in the C to B position, IC1 pin 4 forward biases CD9 and
> CD12 via R67 and CD13B. When the FM mode is selected, IC1 is out
of
> the circuit and the CD9-CD12 junction is biased into conduction via

a
> separate sélection line (FM-bar) through CD13A. CD9 and CD12
> effectively bypass the IF filter units entirely, restoring the 12
kHz
> bandwidth.
> I reasoned that making the Wl jumper a switched option, I could
keep
> the pleasant audio I'd enjoyed from the radio.
>
> METHOD:
> After much gnashing of teeth and pulling of hair trying to find
some
> way of electronically forcing the FM-not line low and taking IC1
out
> of the picture, I decided to make a quick and dirty modification
and
> replace the Wl jumper with a small SPDT toggle switch.
> 1 ran three #22 stranded wires from the three jumper points (A, B
and
> C) to a small switch from my junk box, then fashioned an aluminum
> bracket for the switch and mounted it by friction between the rear
of
> the radio's card cage and the rear panel. I positioned the bracket
> so that the switch's handle protrudes about 1/4 inch through one of
> the ventilation slots at the rear top of the receiver.
> The switch's wiper goes to Wl-C and the selected contacts to A and
B.
> Be sure to use enough wire to allow the easy removal and
replacement
> of the IF filter board. Lead dress is not critical as these are
not
> signal lines.
> Flip the switch to the A position and the 1.7 kHz IF filter is in
> line. Flip the switch to the B position, the filters are bypassed
> and the bandwidih of the IF is again 12 kHz.
> A nice feature of this modification is that it can bc removed
without
> a trace, should you decide to sell the radio.
>
> CONCLUSION:
> This scheme isn't elegant, but it sure does work-. I'll bet I'm
the
> only guy on my block with an NRD-525 with five bandwidths!
>
> --
--
> -

63. Re: FINNISH language mod

Yahoo group: nrd-525-535
Date: 2001-08-30 20:17:54 UTC
From: Thomas Nilsson
Topic: 53 Message: 63

Unfortunately I don´t understand Finnish.
The material published in Finnish is very interesting so I hope we
can get a translation later this year.
I have also seen some Finnish information how to change the 74LS145
circuit on the RF-board of both NRD 535 and 525 which can easily be
damagaed by nearby lightnings. In such cases the bandswitching on the
RF board can insert two bands at the same time and sensitivity will
drop a lot due to mistracking of the RF-circuits.

regards
Thomas

64. NRD-535 "CDC-493AD CPU Board" Resistor Jumpers

Yahoo group: nrd-525-535
Date: 2001-09-13 23:57:34 UTC
From: Bob Mozeleski
Topic: 64 Message: 64

Someone last month or so was asking about jumpers or diodes on the
535D cpu board. Stumbled across this web site with some info that
might be of use. It is at the bottom of the web page. Credit where
credit is due goes out to n9ewo@....
http://members.fortunecity.com/swradios/nrdcharts.html
I'd advise on saving the page as who knows if it will be there next
year or so.

65. NRD-525 Circuit Diagrams

Yahoo group: nrd-525-535
Date: 2001-09-15 22:57:33 UTC
From: Gregor Behr
Topic: 65 Message: 65

Hello everyone,

a couple of days ago someone asked about the
jumpers on the CPU board of NRD-525.

I have scanned the circuit diagrams and have uploaded it to my
website. They are in JPG format, so it should be easy for
every interested person to download them.

If someone is familiar with shematics and wants to look for
the purpose of these jumpers he might take a look it and
maybe let us all know...

You will find these files under the following address:

http://www.trifid-nebula.de/nrd525/homenrd.htm

Have fun !

73, Gregor

67. NRD-535 Manual

Yahoo group: nrd-525-535
Date: 2001-09-30 01:56:30 UTC
From: claire@poly98.freeserve.co.uk
Topic: 67 Message: 67

Can anyone tell me where I can download the instruction manual for the NRD-535.

Thanks

68. CFL-231

Yahoo group: nrd-525-535
Date: 2001-10-08 10:12:20 UTC
From: p.vandam@cordion.com
Topic: 68 Message: 68

Looking for 300 Hz filter (CFL-231).

1) any suggestions for commercial address with lowest price
2) someone that would like to trade for a 1,8 kHz filter (CFL-218)

Paul van Dam
p.vandam@...

69. Off-frequency tuning problem

Yahoo group: nrd-525-535
Date: 2001-10-12 05:59:22 UTC
From: Chris Deruyte
Topic: 69 Message: 69

> Hello!
> My 525 has a problem: it tunes just fine about 1.4 khz above and below
> frequency on AM and SW, but not very well right on. Does anyone have a
> suggestion about what might be the cause or the solution?
> Many thanks in advance!
>
> Chris Deruyte

70. control software

Yahoo group: nrd-525-535
Date: 2001-10-17 14:17:26 UTC
From: kve@isdit.nl
Topic: 70 Message: 70

Hi all!

I am curious:
How are your expreriences with control software for the NRD535??

Can it import databases?

Where to obtain?

Etc etc

Thanks guys (girls?)

Kees

71. Re: [nrd-525-535] control software

Yahoo group: nrd-525-535
Date: 2001-10-17 14:36:16 UTC
From: Bill Carney
Topic: 70 Message: 71

> Hi all!
>
> I am curious:
> How are your exprerienced with control software for
the NRD535??
>
> Can it import databases?
>
> Where to obtain?
>
> Etc etc

I wrote my own because none of them did exactly what
I wanted a program to do, but of those that I lokked
at, Mark Fine's Smart NRD Control 32 is the only one
I even considered purchasing.

http://www.fineware-swl.com/snc.html

-Bill

72. 70.455 Mhz 1st IF crystal filters

Yahoo group: nrd-525-535
Date: 2001-10-23 01:07:53 UTC
From: pbigelow@us.ibm.com
Topic: 72 Message: 72

Hello,

Does anyone know of a source for high quality 70.455 Mhz
crystal filters like JRC uses in its first IF for the NRD-5x5
series of receivers?

Best regards,

Paul Bigelow

73. Re: [nrd-525-535] 70.455 Mhz 1st IF crystal filters

Yahoo group: nrd-525-535
Date: 2001-10-23 18:52:25 UTC
From: Paul van Dam
Topic: 72 Message: 73

Paul,

Should try sherwood engineering (www.sherweng.com), Kiwa (www.kiwa.com),
inrad (www.qth.com/inrad). If crystal filter is not on the website just ask
for their advise. Please keep me posted, am also interested.

Regards,

Paul van Dam
----- Original Message -----
From: <pbigelow@...>
To: <nrd-525-535@yahoogroups.com>
Sent: dinsdag 23 oktober 2001 3:07
Subject: [nrd-525-535] 70.455 Mhz 1st IF crystal filters

> Hello,
>
> Does anyone know of a source for high quality 70.455 Mhz
> crystal filters like JRC uses in its first IF for the NRD-5x5
> series of receivers?
>
> Best regards,
>
> Paul Bigelow
>
>
>
> To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

74. Re: [nrd-525-535] 70.455 Mhz 1st IF crystal filters

Yahoo group: nrd-525-535
Date: 2001-10-23 19:33:02 UTC
From: Paul Bigelow
Topic: 72 Message: 74

Hello Paul,

Thank you for your interest!

I've approached:
Sherwood - no filter
Kiwa - no filter
INRAD - no filter, offered suggestion
JRC - called, awaiting response, they are researching
Universal Radio - call JRC

It is noted that the Yaesu FT-1000MP transceiver uses the 70.455 Mhz 1st IF.
INRAD suggested to contact Yaesu for the 2-pole filters and matching transformers. Building a small filter module should be easy.
Basically, I could build as many poles as desired (and increase the 70.455Mhz
IF amp gain accordingly).

If the JRC response is negative then Yaesu will be approached.

Best regards,

Paul Bigelow

"Paul van Dam"
<p.vandam@cord To: <nrd-525-535@yahoogroups.com>
ion.com> cc:
Subject: Re: [nrd-525-535] 70.455 Mhz 1st IF crystal filters
10/23/2001
01:52 PM
Please respond
to nrd-525-535

Paul,

Should try sherwood engineering (www.sherweng.com), Kiwa (www.kiwa.com), inrad (www.qth.com/inrad). If crystal filter is not on the website just ask for their advise. Please keep me posted, am also interested.

Regards,

Paul van Dam
----- Original Message -----
From: <pbigelow@...>
To: <nrd-525-535@yahoogroups.com>
Sent: dinsdag 23 oktober 2001 3:07
Subject: [nrd-525-535] 70.455 Mhz 1st IF crystal filters

> Hello,
>
> Does anyone know of a source for high quality 70.455 Mhz
> crystal filters like JRC uses in its first IF for the NRD-5x5
> series of receivers?
>
> Best regards,
>
> Paul Bigelow
>
>
>
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75. Hello - CMH-532

Yahoo group: nrd-525-535
Date: 2001-10-30 19:34:27 UTC
From: huntr@indiana.edu
Topic: 75 Message: 75

Hello all. Very pleased to have found this group. I have owned a 525 for many years now but have not used it much since I moved 3 years ago. I finally got a room together for all my junk -errr radios and picked up another cheap computer to connect to the NRD. To make a long story short, the darn thing didn't work any more. I lost the manual in the move so I had to trace the circuit. The fact that the +/- 12V signal from the computer was reduced to about 3 gave me my first big clue. With the help of this group and some other web resources, I soon found that the problem was two blown chips - the quad line driver/receiver chips - available at Radio Shack no less.

Could anyone with a manual please finish out the computer codes that are missing from a previous posting? Also, are there any "hidden" codes anyone has found?

Thanks

Rex Hunt

76. Re: NRD-525 CMH-232 serial communication protocol

Yahoo group: nrd-525-535
Date: 2001-11-06 08:49:42 UTC
From: gilt@well.com
Topic: 48 Message: 76

I have the manual for the CMH-232 and can attempt to scan the missing
pages tomorrow, if this is still required. Please advise.

Gil Torbeck

--- In nrd-525-535@y..., cjgirard@c... wrote:
> Below is the user manual for CMH-232.
> But end of section "6-Controls Commands" is missing !
>
> Does someone accept to help me and accept to add missing lines?
> Please send your answer to this group.
>
> Jean Maurice GIRARD
>
> --------START CMH-232 USER MANUAL -------------------
> NRD 525 - CMH-532 RS232C
> SERIAL COMMUNICATION PROTOCOL
>
> Thank for your purchasing the RS-232C Interface Unit CMH-532.
> Connection of the CMH-532 to the NRD-525 allows external setting of
> receiving frequencies, mode, etc.
> If the serial N°. marked on the rear panel of your NRD-525
happens
to
> be any of BR36071 through BR36120, the ROM in the CPU unit (CDC-
353)

> must be repalced. In that case, please contact a nearby JRC dealer
or
> JRC branch.
>
> 1-Composition
> The unit consists of the followings, please check the content of
the
> package against the following list :
> n RS-232C interface unit CMH-232 : 1
> n Cable H-6ZCJD00141 : 1
> n PCB pulling metal piece : 2
> n Output connector(with 12 solderless terminals) :1
>
> 2-Specifications
> (1)Signal level : RS-232C
> (2)Baud rate : 300 or 1200 bauds
> (3)Character composition : 8 bits without parity with 1 stop bit
> (4)Control items : Receiving frequency, mode bandwidth,
> AGC,attenuator, re-write of memory channels.

> (5)Items of receiver-status : frequency, attenuator, memory channel
> number.
>
> 3-Installation
> Befor starting work, extract the power cable for the NRD-525. Do
not
> remove other units unless necessary.
> (1) Remove the upper cover, refferring to « Fig.9-1 Removing
Covers
> » i the instruction manual for NRD-525.
> (2) (2)Remove the CMH-632 Data I/O unit , reffering to « Fig.
9-2
> Removing Unit » in instruction manual for NRD-525 .
> (3) Using J45 (10 Pins) and J46 (12 Pins) on the data I/O unit
and
> P45 and P46 on the interface unit, connect these two PCB's. In
doing
> so, do not forget to fix pacers (plastic).(See Fig. 1.).
>
>
> Fig.1
>
> (4) When the two PCB's have been securely connected, put the data
> I/O unit to the original position by pushing it along the rail. If
it
> is not inserted sufficiently, the unit may fail to work du to
> improper contact.
> NEVER APPLY FORCE TO THE INTERFACE UNIT (CMH-532).
>
> (5) Connect the cable H-6ZCJD00141 as shown in Fig . 2.
>
> Fig. 2
>
> (6) When installation is over, the signals shown in table 1 are
> applied to the RS-232C connector pins at the rear of the NRD-525 :
>
> 1 -> -12V
> 2 -> SG
> 3 -> +12V
> 4 -> DR
> 5 -> CS
> 6 -> RD
> 7 -> ER
> 8 -> RS
> 9 -> SD
> 10 -> RTTY*
>
> *RTTY is the output from the CMH-530 RTTY demodulator unit
> (optional). It has the RS232C signal level.
>

> 4-Connection to an external device
> Connection to an external device varies with the specifications of
> external device. Table 2 shows a typical example of connection.
> Referring to this figure, prepare a cable suitable for the
> specifications of the device. If the RS-232C connector for the
> external device is a standard 25-pins connector, connection shown
in
> Table 2-(a) can be easily accomplished with the use of a specially
> designed cable H-6ZCJD00140(optional).
>
> Connections shown in table 2-(b) through Table2(d) requires the
> change of wires.
>
> Table 2(a)
> RS-232C handshake with terminal
> 2(SG) <-> 1(SG)
> 9(SD) <-> 3(RD)
> 6(RD) <-> 2(SD)
> 8(RS) <-> 5(CS)
> 5(CS) <-> 4(RS)
> 4(DR) <-> 20(ER)
> 7(ER) <-> 6(DR)
>
> Table 2(b)
> RS-232C no handshake with terminal
> 2(SG) <-> 1(SG)
> 9(SD) <-> 3(RD)
> 6(RD) <-> 2(SD)
> 8(RS) 4(RS) *
> 5(CS) - 5(CS) *
> 4(DR) - 6(DR) *
> 7(ER) - 10(ER) *
> * User definition
>
> Table 2-(c)
> RS-232C handshake with MODEM
> 2(SG) <-> 1(SG)
> 9(SD) <-> 2(SD)
> 6(RD) <-> 3(RD)
> 8(RS) <-> 4(RS)
> 5(CS) <-> 5(CS)
> 4(DR) <-> 6(DR)
> 7(ER) <-> 20(ER)
>
> Table 2-(d)
> RS-232C no handshake with MODEM
> 2(SG) <-> 1(SG)
> 9(SD) <-> 2(SD)
> 6(RD) <-> 3(RD)
> 8(RS) 4(RS)*

> 5(CS) 5(CS)*
> 4(DR) 6(DR)*
> 7(ER) 20(ER)*
> *User definition.
>
> 5-Selection of Baud Rate
>
> Each time the numerical key 8 is pressed with the MEMO switch
> depressed, 300 bauds and 1200 bauds is selected by turns.
> Accordingly, the vaccum fluorescent display indicate 300 and 1200
by
> turn.
> CAUTION !
> n The clock or frequency cannot be changed while the baud rate is
> indicated. Also, the frequency cannot be changed with the timing
> control or UP/DOWN switch.
> n To clear the indication press CLR switch, or press the FREQ,
> CHANNEL, CLOCK/TIMMER, SCAN or SWEEP switch according to your
purpose.
>
> 6-Control commands
> Each of the commands used to control the NRD-525 consists of one-
byte
> code, indicating the control item(contents of control), and argument
> (1-8 bytes) peculiar to each control item. (Some codes are not
used).
> As an argument, the ASCII Code « 0 » through « 9 » are
used.
>
> The control items are as follows :
> « A » Argument : 1 byte
> Selects on/off attenuator.
> Argument « 0 » : Attenuator off
> Argument « 1 » : Attenuator on
> Argument « 2 » « 9 » : Data error
> for example a string « A1 » is sent to turn on the attenuator.
>
> « B » Argument : 1 byte
> Selects bandwidth.
> Argument - Bandwidth
> « 0 » : WIDE
> « 1 » : INTER
> « 2 » : NARR
> « 3 » : AUX
> « 4 » to « 9 » : Error
> If a string « B2 » is sent to the receiver when optional
filter in
> not mounted, an error occurs and this control data is ignored by
the
> receiver.

> To set INTER, string « B1 » is sent.
>
> « C » Argument : 3 bytes
> Sets the receiver memory channel N°.. The argument specifies the
> digit of 100, 10, and 1 in that order. If any of the channel N°.
> 200999~is specified, data error occurs and this control data is
> ignored. To set the channel N°. 123, a string « C123 »
must be
sent.
> Leading 0 cannot be omitted to make a correct command string.
>
> « D » Argument : 1 byte
> Sets the mode (type of emission).
> The relation between the argument and the modes ar as follows.
> Argument - Mode
> « 0 » : RTTY
> « 1 » : CW
> « 2 » : USB
> « 3 » : LSB
> « 4 » : AM
> « 5 » : FM
> « 6 » : FAX
> « 7 » to « 9 » : Error
> To set AM, a string « D4 » is to be sent.
>
> « F » Argument : 8 bytes
> Sets the receiving frequency
> The 8-byte argument specifies the digits of 100 MHz to 10 Hz of
> receiving frequency. If the frequency control data falls out of the
> receivable range, error occurs.
> If a frequency data greater than 100 MHz is to be sent to the
> receiver with VHF/UHF converter (CMK-165), the digit of 10 Hz of
> synthesizer can be set but is not indicated.
> To set 14.250 MHz, a string « F01425000 » must be sent.
Leading 0
> cannot be ommitted to make a correct command string.
>
> « G » Argument : 1 byte
> Selects AGC.
> The relation between the argument and AGS ar as follows.
> Argument - Mode
> « 0 » : SLOW
> « 1 » : FAST
> « 2 » : Off
> « 3 » to « 9 » : Error
> To set FAST, a string « G1 » must be sent.
>
> « E » Argument : 1 byte
> Sets on-off of external control (RECEIVE MODE).
> The argument « 1 » turns on RECEIVE and argument « 0 »

turns offr
> RECEIVE. If an external controller once send a string « H1 »
to
the
> NRD-525, it can be controlled by the controller with use of control
> commands. To externally control NRD-525, « H1 » are to be
given to
> the NRD-525 first. If RECEIVE has been turn on, the vaccum
> fluorescent display on the NRD-525 indicates « REMOTE » and
the led
> for LOCK is lit. Then, all the key switches, PBS control, BFO
control
> and tuning control excepting the DIMMER and RIT switches on the
panel
> of the NRD-525 are electricaly locked. However, the tuning control
> works as the RIT control if the RIT switch is turned on.
>
> Every time « H1 » is sent to the receiver, the data which
indicating
> present receiver status(frequency, mode, bandwidth, AGC,
> attenuator,memory channel N°.) are sent back once to the
controller.
>
> Thereafter, the data of controlled item are sent back. However, if
> the channel is set, the data of all items are sent back. Fore
> example, if « H1 » is given to the receiver, when the
settings of
the
> receiver are the frequency 14.25 MHz, channel N°. 123 CH, mode
USB,
> AGC FAST, ATT OFF, and bandwidth AUX, the data arr sent back
> according to the following format
> « C123 », CR -> Channel N° 123 CH
> « D2 », CR -> Mode USB
> « G1 », CR -> AGC FAST
> « A0 », CR -> Attenuator OFF
> « B3 », CR -> Bandwidth AUX
> « F01425000», CR -> Frequency 14.25 MHz
>
> If setting has been done individually, the ....
> ....
> missing lines !
> missing lines !
> missing lines !
> missing lines !
> missing lines !
> missing lines !
> ....
> puter).
>

> For enabling above applications, you may need sufficient knowledges
> on signal format which you wish to receive as on hard and software
of
> personnal computer. Furthermore, you may need sufficient
programming
> capability.
> ----------------------END OF CMH-532 MANUAL-------------------

77. Re: NRD-525 CMH-232 serial communication protocol

Yahoo group: nrd-525-535
Date: 2001-11-06 12:58:36 UTC
From: huntr@indiana.edu
Topic: 48 Message: 77

That would be greatly appreciated. Thanks!
Rex Hunt

--- In nrd-525-535@y..., gilt@w... wrote:
> I have the manual for the CMH-232 and can attempt to scan the
missing
> pages tomorrow, if this is still required. Please advise.
>
> Gil Torbeck
>
>
>
> --- In nrd-525-535@y..., cjgirard@c... wrote:
> > Below is the user manual for CMH-232.
> > But end of section "6-Controls Commands" is missing !
> >
> > Does someone accept to help me and accept to add missing lines?
> > Please send your answer to this group.
> >
> > Jean Maurice GIRARD
> >
> > --------START CMH-232 USER MANUAL -------------------
> > NRD 525 - CMH-532 RS232C
> > SERIAL COMMUNICATION PROTOCOL
> >
> > Thank for your purchasing the RS-232C Interface Unit CMH-532.
> > Connection of the CMH-532 to the NRD-525 allows external setting
of
> > receiving frequencies, mode, etc.
> > If the serial N°. marked on the rear panel of your NRD-525
> happens
> to
> > be any of BR36071 through BR36120, the ROM in the CPU unit (CDC-
> 353)
>
> > must be repalced. In that case, please contact a nearby JRC
dealer
> or
> > JRC branch.
> >
> > 1-Composition
> > The unit consists of the followings, please check the content of
> the
> > package against the following list :
> > n RS-232C interface unit CMH-232 : 1

> > n Cable H-6ZCJD00141 : 1
> > n PCB pulling metal piece : 2
> > n Output connector(with 12 solderless terminals) :1
> >
> > 2-Specifications
> > (1)Signal level : RS-232C
> > (2)Baud rate : 300 or 1200 bauds
> > (3)Character composition : 8 bits without parity with 1 stop bit
> > (4)Control items : Receiving frequency, mode bandwidth,
> > AGC,attenuator, re-write of memory channels.
> > (5)Items of receiver-status : frequency, attenuator, memory
channel
> > number.
> >
> > 3-Installation
> > Befor starting work, extract the power cable for the NRD-525. Do
> not
> > remove other units unless necessary.
> > (1) Remove the upper cover, refferring to « Fig.9-1 Removing
> Covers
> > » i the instruction manual for NRD-525.
> > (2) (2)Remove the CMH-632 Data I/O unit , reffering to « Fig.
> 9-2
> > Removing Unit » in instruction manual for NRD-525 .
> > (3) Using J45 (10 Pins) and J46 (12 Pins) on the data I/O unit
> and
> > P45 and P46 on the interface unit, connect these two PCB's. In
> doing
> > so, do not forget to fix pacers (plastic).(See Fig. 1.).
> >
> >
> > Fig.1
> >
> > (4) When the two PCB's have been securely connected, put the
data
> > I/O unit to the original position by pushing it along the rail.
If
> it
> > is not inserted sufficiently, the unit may fail to work du to
> > improper contact.
> > NEVER APPLY FORCE TO THE INTERFACE UNIT (CMH-532).
> >
> > (5) Connect the cable H-6ZCJD00141 as shown in Fig . 2.
> >
> > Fig. 2
> >
> > (6) When installation is over, the signals shown in table 1 are
> > applied to the RS-232C connector pins at the rear of the NRD-525 :
> >
> > 1 -> -12V

> > 2 -> SG
> > 3 -> +12V
> > 4 -> DR
> > 5 -> CS
> > 6 -> RD
> > 7 -> ER
> > 8 -> RS
> > 9 -> SD
> > 10 -> RTTY*
> >
> > *RTTY is the output from the CMH-530 RTTY demodulator unit
> > (optional). It has the RS232C signal level.
> >
> > 4-Connection to an external device
> > Connection to an external device varies with the specifications
of
> > external device. Table 2 shows a typical example of connection.
> > Referring to this figure, prepare a cable suitable for the
> > specifications of the device. If the RS-232C connector for the
> > external device is a standard 25-pins connector, connection shown
> in
> > Table 2-(a) can be easily accomplished with the use of a
specially
> > designed cable H-6ZCJD00140(optional).
> >
> > Connections shown in table 2-(b) through Table2(d) requires the
> > change of wires.
> >
> > Table 2(a)
> > RS-232C handshake with terminal
> > 2(SG) <-> 1(SG)
> > 9(SD) <-> 3(RD)
> > 6(RD) <-> 2(SD)
> > 8(RS) <-> 5(CS)
> > 5(CS) <-> 4(RS)
> > 4(DR) <-> 20(ER)
> > 7(ER) <-> 6(DR)
> >
> > Table 2(b)
> > RS-232C no handshake with terminal
> > 2(SG) <-> 1(SG)
> > 9(SD) <-> 3(RD)
> > 6(RD) <-> 2(SD)
> > 8(RS) 4(RS) *
> > 5(CS) - 5(CS) *
> > 4(DR) - 6(DR) *
> > 7(ER) - 10(ER) *
> > * User definition
> >
> > Table 2-(c)

> > RS-232C handshake with MODEM
> > 2(SG) <-> 1(SG)
> > 9(SD) <-> 2(SD)
> > 6(RD) <-> 3(RD)
> > 8(RS) <-> 4(RS)
> > 5(CS) <-> 5(CS)
> > 4(DR) <-> 6(DR)
> > 7(ER) <-> 20(ER)
> >
> > Table 2-(d)
> > RS-232C no handshake with MODEM
> > 2(SG) <-> 1(SG)
> > 9(SD) <-> 2(SD)
> > 6(RD) <-> 3(RD)
> > 8(RS) 4(RS)*
> > 5(CS) 5(CS)*
> > 4(DR) 6(DR)*
> > 7(ER) 20(ER)*
> > *User definition.
> >
> > 5-Selection of Baud Rate
> >
> > Each time the numerical key 8 is pressed with the MEMO switch
> > depressed, 300 bauds and 1200 bauds is selected by turns.
> > Accordingly, the vaccum fluorescent display indicate 300 and 1200
> by
> > turn.
> > CAUTION !
> > n The clock or frequency cannot be changed while the baud rate is
> > indicated. Also, the frequency cannot be changed with the timing
> > control or UP/DOWN switch.
> > n To clear the indication press CLR switch, or press the FREQ,
> > CHANNEL, CLOCK/TIMMER, SCAN or SWEEP switch according to your
> purpose.
> >
> > 6-Control commands
> > Each of the commands used to control the NRD-525 consists of one-
> byte
> > code, indicating the control item(contents of control), and
argument
> > (1-8 bytes) peculiar to each control item. (Some codes are not
> used).
> > As an argument, the ASCII Code « 0 » through « 9 » are
> used.
> >
> > The control items are as follows :
> > « A » Argument : 1 byte
> > Selects on/off attenuator.
> > Argument « 0 » : Attenuator off
> > Argument « 1 » : Attenuator on

> > Argument « 2 » « 9 » : Data error
> > for example a string « A1 » is sent to turn on the attenuator.
> >
> > « B » Argument : 1 byte
> > Selects bandwidth.
> > Argument - Bandwidth
> > « 0 » : WIDE
> > « 1 » : INTER
> > « 2 » : NARR
> > « 3 » : AUX
> > « 4 » to « 9 » : Error
> > If a string « B2 » is sent to the receiver when optional
> filter in
> > not mounted, an error occurs and this control data is ignored by
> the
> > receiver.
> > To set INTER, string « B1 » is sent.
> >
> > « C » Argument : 3 bytes
> > Sets the receiver memory channel N°.. The argument specifies the
> > digit of 100, 10, and 1 in that order. If any of the channel N°.
> > 200999~is specified, data error occurs and this control data is
> > ignored. To set the channel N°. 123, a string « C123 »
> must be
> sent.
> > Leading 0 cannot be omitted to make a correct command string.
> >
> > « D » Argument : 1 byte
> > Sets the mode (type of emission).
> > The relation between the argument and the modes ar as follows.
> > Argument - Mode
> > « 0 » : RTTY
> > « 1 » : CW
> > « 2 » : USB
> > « 3 » : LSB
> > « 4 » : AM
> > « 5 » : FM
> > « 6 » : FAX
> > « 7 » to « 9 » : Error
> > To set AM, a string « D4 » is to be sent.
> >
> > « F » Argument : 8 bytes
> > Sets the receiving frequency
> > The 8-byte argument specifies the digits of 100 MHz to 10 Hz of
> > receiving frequency. If the frequency control data falls out of
the
> > receivable range, error occurs.
> > If a frequency data greater than 100 MHz is to be sent to the
> > receiver with VHF/UHF converter (CMK-165), the digit of 10 Hz of
> > synthesizer can be set but is not indicated.

> > To set 14.250 MHz, a string « F01425000 » must be sent.
> Leading 0
> > cannot be ommitted to make a correct command string.
> >
> > « G » Argument : 1 byte
> > Selects AGC.
> > The relation between the argument and AGS ar as follows.
> > Argument - Mode
> > « 0 » : SLOW
> > « 1 » : FAST
> > « 2 » : Off
> > « 3 » to « 9 » : Error
> > To set FAST, a string « G1 » must be sent.
> >
> > « E » Argument : 1 byte
> > Sets on-off of external control (RECEIVE MODE).
> > The argument « 1 » turns on RECEIVE and argument « 0 »
> turns offr
> > RECEIVE. If an external controller once send a string « H1 »
> to
> the
> > NRD-525, it can be controlled by the controller with use of
control
> > commands. To externally control NRD-525, « H1 » are to be
> given to
> > the NRD-525 first. If RECEIVE has been turn on, the vaccum
> > fluorescent display on the NRD-525 indicates « REMOTE » and
> the led
> > for LOCK is lit. Then, all the key switches, PBS control, BFO
> control
> > and tuning control excepting the DIMMER and RIT switches on the
> panel
> > of the NRD-525 are electricaly locked. However, the tuning
control
> > works as the RIT control if the RIT switch is turned on.
> >
> > Every time « H1 » is sent to the receiver, the data which
> indicating
> > present receiver status(frequency, mode, bandwidth, AGC,
> > attenuator,memory channel N°.) are sent back once to the
> controller.
> >
> > Thereafter, the data of controlled item are sent back. However,
if
> > the channel is set, the data of all items are sent back. Fore
> > example, if « H1 » is given to the receiver, when the
> settings of
> the
> > receiver are the frequency 14.25 MHz, channel N°. 123 CH, mode
> USB,

> > AGC FAST, ATT OFF, and bandwidth AUX, the data arr sent back
> > according to the following format
> > « C123 », CR -> Channel N° 123 CH
> > « D2 », CR -> Mode USB
> > « G1 », CR -> AGC FAST
> > « A0 », CR -> Attenuator OFF
> > « B3 », CR -> Bandwidth AUX
> > « F01425000», CR -> Frequency 14.25 MHz
> >
> > If setting has been done individually, the ....
> > ....
> > missing lines !
> > missing lines !
> > missing lines !
> > missing lines !
> > missing lines !
> > missing lines !
> > ....
> > puter).
> >
> > For enabling above applications, you may need sufficient
knowledges
> > on signal format which you wish to receive as on hard and
software
> of
> > personnal computer. Furthermore, you may need sufficient
> programming
> > capability.
> > ----------------------END OF CMH-532 MANUAL-------------------

78. VHF

Yahoo group: nrd-525-535
Date: 2001-11-06 21:41:47 UTC
From: bonelab@pterodactyl.tv
Topic: 78 Message: 78

I have the VHF UHF option on my great 525.

I was wondering how I might use this with a
combined UHF VHF antennas I see advertised.

Which only have one ateena lead-in.

thanks

Cheers

Harry G. Osoff
Founder
The Pterodactyl Society
Box 1
Kempton, Illinois 60946
USA

harryo@...

Dedicated to The Discovery & Preservation Of The Living Pterosaurs on Earth

79. AW: [nrd-525-535] VHF

Yahoo group: nrd-525-535
Date: 2001-11-06 21:51:34 UTC
From: Gregor Behr
Topic: 79 Message: 79

Hi Harry,

well, I do have it too,
and I am using an antenna splitter from YEASU for
feeding both antenna connectors.

Maybe you take a look at Universal Radios Webpage,
there you can get such things.
http://www.universal-radio.com/

Regards
-Gregor-

> -----Ursprüngliche Nachricht-----
> Von: bonelab@... [SMTP:bonelab@...]
> Gesendet am: Dienstag, 6. November 2001 22:42
> An: nrd-525-535@yahoogroups.com
> Betreff: [nrd-525-535] VHF
>
> I have the VHF UHF option on my great 525.
>
> I was wondering how I might use this with a
> combined UHF VHF antennas I see advertised.
>
> Which only have one ateena lead-in.
>
> thanks
>
> Cheers
>
> Harry G. Osoff
> Founder
> The Pterodactyl Society
> Box 1
> Kempton, Illinois 60946
> USA
>
> harryo@...
>
> Dedicated to The Discovery & Preservation Of The Living Pterosaurs on Earth
>
>
>
> To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>

>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

80. Re: NRD-525 CMH-232 serial communication protocol

Yahoo group: nrd-525-535
Date: 2001-11-07 08:55:53 UTC
From: gilt@well.com
Topic: 48 Message: 80

OK, NRD-525 friends, here are the two missing pages:
>>>>
data of each item are sent back. If RECEIVE is turned off, the indication of "REMOTE" on the vacuum fluorescent display disappears and the LOCK LED goes out. In this status, external control cannot be done. (Control data from an external unit are ignored by the receiver even when it is received.)
RECEIVE-off (on) is performed by sending the data of "H0" "H1") from an external unit to the NRD-525 receiver.

* "I" Argument: 1 byte
Sets on-off of the TRANSMIT MODE. The argument "1" turns on TRANSMIT. When it is turned on, "REMOTE" is indicated on the vacuum fluorescent display. At the same time, the receiver-status at that time are sent back to the controller. The data which indicating receiver-status are output according to the following two cases:

(1)If TRANSMIT is turned on, the data similar to those given when RECEIVE is turned on are sent back.
(2)While TRANSMIT is turned on, only the data regarding changed item are sent back, when the frequency, mode, bandwidth, AGC, attenuator or channel number is changed with the operation of the receiver panel.
The argument "0" turns off TRANSMIT. Then, the indication of "REMOTE" on the vacuum fluorescent display disappears, and the subsequent data is not output. TRANSMIT-off (on) is performed by sending the data of "I0" ("I1") to the receiver.
If TRANSMIT is turned on while RECEIVE is on, the TRANSMIT mode ensues.

7. Character Display of RTTY Signal
If you intend to receive RTTY signal by using optional RTTY demodulator unit CMH-530, it is available to display decoded signal on a screen of an external device (such as CRT terminal) by the following manner.
(1) Cut the jumper-pattern [3] of the CPU unit CDC-353.
(2) Set the baud rate of the external device to 300, or 1200 bauds, conforming to the baud rate of the RS-232C interface unit (CMH-532).
Code converted RTTY signal (ASCII) is output from SD terminal of the RS-232C connector by the above disposition. (However, it is available only when the mode of the receiver is set to "RTTY".)
Therefore, you can make a hard copy by a printer, and display characters on CRT terminal, simultaneously.
If the control data "H1" or "I1" are sent from the external device to the receiver-side, during RTTY data are output on RS-232C line, the data of RTTY signal and the data of receiver status (frequency, mode, bandwidth, AGC, ATT, channel number) are mixed.

Therefore, the following care is to be taken, when making a control program.
(1) Avoid sending control data, during RTTY reception.
(2) Process the mixed data at external device side.
Demodulated output of RTTY signal is delivered to the pin #10 (RTTY) of RS-232C connector as shown in table 1.
If the signal is processed (synchronize control, serial-parallel conversion, code conversion, etc) by an external device (personal computer, etc), the following applications may be useful:
(1) RTTY reception, other baud rate than 45.45, or 50 bauds.
(2) ARQ, or FEC mode signal reception of SITOR (Simplex Teletype Over Radio), or AMTOR (Amateur Teletype Over Radio.)
(3) Decoding and displaying Morse codes. (Pick up the Morse tone by the Mark or Space filter in the RTTY demodulator CMH-530 and process the signal appears on pin 10 of this unit by the personal com-

>>>
This should fit in well with what was already available here in the forum, but if something is unclear, let me know.

Best wishes,

Gil

--- In nrd-525-535@y..., huntr@i... wrote:
> That would be greatly appreciated. Thanks!
> Rex Hunt
>
> --- In nrd-525-535@y..., gilt@w... wrote:
> > I have the manual for the CMH-232 and can attempt to scan the
> missing
> > pages tomorrow, if this is still required. Please advise.
> >
> > Gil Torbeck
> >
> >
> >
> > --- In nrd-525-535@y..., cjgirard@c... wrote:
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> > >
> > > Jean Maurice GIRARD
> > >
> > > --------START CMH-232 USER MANUAL -------------------
> > > NRD 525 - CMH-532 RS232C
> > > SERIAL COMMUNICATION PROTOCOL
> > >
> > > Thank for your purchasing the RS-232C Interface Unit CMH-532.

> > > Connection of the CMH-532 to the NRD-525 allows external
setting
> of
> > > receiving frequencies, mode, etc.
> > > If the serial N°. marked on the rear panel of your NRD-525
> > happens
> > to
> > > be any of BR36071 through BR36120, the ROM in the CPU unit (CDC-
> > 353)
> >
> > > must be repalced. In that case, please contact a nearby JRC
> dealer
> > or
> > > JRC branch.
> > >
> > > 1-Composition
> > > The unit consists of the followings, please check the content
of
> > the
> > > package against the following list :
> > > n RS-232C interface unit CMH-232 : 1
> > > n Cable H-6ZCJD00141 : 1
> > > n PCB pulling metal piece : 2
> > > n Output connector(with 12 solderless terminals) :1
> > >
> > > 2-Specifications
> > > (1)Signal level : RS-232C
> > > (2)Baud rate : 300 or 1200 bauds
> > > (3)Character composition : 8 bits without parity with 1 stop bit
> > > (4)Control items : Receiving frequency, mode bandwidth,
> > > AGC,attenuator, re-write of memory channels.
> > > (5)Items of receiver-status : frequency, attenuator, memory
> channel
> > > number.
> > >
> > > 3-Installation
> > > Befor starting work, extract the power cable for the NRD-525.
Do
> > not
> > > remove other units unless necessary.
> > > (1) Remove the upper cover, refferring to « Fig.9-1 Removing
> > Covers
> > > » i the instruction manual for NRD-525.
> > > (2) (2)Remove the CMH-632 Data I/O unit , reffering to « Fig.
> > 9-2
> > > Removing Unit » in instruction manual for NRD-525 .
> > > (3) Using J45 (10 Pins) and J46 (12 Pins) on the data I/O
unit
> > and
> > > P45 and P46 on the interface unit, connect these two PCB's. In

> > doing
> > > so, do not forget to fix pacers (plastic).(See Fig. 1.).
> > >
> > >
> > > Fig.1
> > >
> > > (4) When the two PCB's have been securely connected, put the
> data
> > > I/O unit to the original position by pushing it along the rail.
> If
> > it
> > > is not inserted sufficiently, the unit may fail to work du to
> > > improper contact.
> > > NEVER APPLY FORCE TO THE INTERFACE UNIT (CMH-532).
> > >
> > > (5) Connect the cable H-6ZCJD00141 as shown in Fig . 2.
> > >
> > > Fig. 2
> > >
> > > (6) When installation is over, the signals shown in table 1 are
> > > applied to the RS-232C connector pins at the rear of the NRD-
525 :
> > >
> > > 1 -> -12V
> > > 2 -> SG
> > > 3 -> +12V
> > > 4 -> DR
> > > 5 -> CS
> > > 6 -> RD
> > > 7 -> ER
> > > 8 -> RS
> > > 9 -> SD
> > > 10 -> RTTY*
> > >
> > > *RTTY is the output from the CMH-530 RTTY demodulator unit
> > > (optional). It has the RS232C signal level.
> > >
> > > 4-Connection to an external device
> > > Connection to an external device varies with the specifications
> of
> > > external device. Table 2 shows a typical example of connection.
> > > Referring to this figure, prepare a cable suitable for the
> > > specifications of the device. If the RS-232C connector for the
> > > external device is a standard 25-pins connector, connection
shown
> > in
> > > Table 2-(a) can be easily accomplished with the use of a
> specially
> > > designed cable H-6ZCJD00140(optional).
> > >

> > > Connections shown in table 2-(b) through Table2(d) requires the
> > > change of wires.
> > >
> > > Table 2(a)
> > > RS-232C handshake with terminal
> > > 2(SG) <-> 1(SG)
> > > 9(SD) <-> 3(RD)
> > > 6(RD) <-> 2(SD)
> > > 8(RS) <-> 5(CS)
> > > 5(CS) <-> 4(RS)
> > > 4(DR) <-> 20(ER)
> > > 7(ER) <-> 6(DR)
> > >
> > > Table 2(b)
> > > RS-232C no handshake with terminal
> > > 2(SG) <-> 1(SG)
> > > 9(SD) <-> 3(RD)
> > > 6(RD) <-> 2(SD)
> > > 8(RS) 4(RS) *
> > > 5(CS) - 5(CS) *
> > > 4(DR) - 6(DR) *
> > > 7(ER) - 10(ER) *
> > > * User definition
> > >
> > > Table 2-(c)
> > > RS-232C handshake with MODEM
> > > 2(SG) <-> 1(SG)
> > > 9(SD) <-> 2(SD)
> > > 6(RD) <-> 3(RD)
> > > 8(RS) <-> 4(RS)
> > > 5(CS) <-> 5(CS)
> > > 4(DR) <-> 6(DR)
> > > 7(ER) <-> 20(ER)
> > >
> > > Table 2-(d)
> > > RS-232C no handshake with MODEM
> > > 2(SG) <-> 1(SG)
> > > 9(SD) <-> 2(SD)
> > > 6(RD) <-> 3(RD)
> > > 8(RS) 4(RS)*
> > > 5(CS) 5(CS)*
> > > 4(DR) 6(DR)*
> > > 7(ER) 20(ER)*
> > > *User definition.
> > >
> > > 5-Selection of Baud Rate
> > >
> > > Each time the numerical key 8 is pressed with the MEMO switch
> > > depressed, 300 bauds and 1200 bauds is selected by turns.
> > > Accordingly, the vaccum fluorescent display indicate 300 and

1200
> > by
> > > turn.
> > > CAUTION !
> > > n The clock or frequency cannot be changed while the baud rate
is
> > > indicated. Also, the frequency cannot be changed with the
timing
> > > control or UP/DOWN switch.
> > > n To clear the indication press CLR switch, or press the FREQ,
> > > CHANNEL, CLOCK/TIMMER, SCAN or SWEEP switch according to your
> > purpose.
> > >
> > > 6-Control commands
> > > Each of the commands used to control the NRD-525 consists of
one-
> > byte
> > > code, indicating the control item(contents of control), and
> argument
> > > (1-8 bytes) peculiar to each control item. (Some codes are not
> > used).
> > > As an argument, the ASCII Code « 0 » through « 9 » are
> > used.
> > >
> > > The control items are as follows :
> > > « A » Argument : 1 byte
> > > Selects on/off attenuator.
> > > Argument « 0 » : Attenuator off
> > > Argument « 1 » : Attenuator on
> > > Argument « 2 » « 9 » : Data error
> > > for example a string « A1 » is sent to turn on the attenuator.
> > >
> > > « B » Argument : 1 byte
> > > Selects bandwidth.
> > > Argument - Bandwidth
> > > « 0 » : WIDE
> > > « 1 » : INTER
> > > « 2 » : NARR
> > > « 3 » : AUX
> > > « 4 » to « 9 » : Error
> > > If a string « B2 » is sent to the receiver when optional
> > filter in
> > > not mounted, an error occurs and this control data is ignored
by
> > the
> > > receiver.
> > > To set INTER, string « B1 » is sent.
> > >
> > > « C » Argument : 3 bytes
> > > Sets the receiver memory channel N°.. The argument specifies

the
> > > digit of 100, 10, and 1 in that order. If any of the channel
N°.
> > > 200999~is specified, data error occurs and this control data is
> > > ignored. To set the channel N°. 123, a string « C123 »
> > must be
> > sent.
> > > Leading 0 cannot be omitted to make a correct command string.
> > >
> > > « D » Argument : 1 byte
> > > Sets the mode (type of emission).
> > > The relation between the argument and the modes ar as follows.
> > > Argument - Mode
> > > « 0 » : RTTY
> > > « 1 » : CW
> > > « 2 » : USB
> > > « 3 » : LSB
> > > « 4 » : AM
> > > « 5 » : FM
> > > « 6 » : FAX
> > > « 7 » to « 9 » : Error
> > > To set AM, a string « D4 » is to be sent.
> > >
> > > « F » Argument : 8 bytes
> > > Sets the receiving frequency
> > > The 8-byte argument specifies the digits of 100 MHz to 10 Hz of
> > > receiving frequency. If the frequency control data falls out of
> the
> > > receivable range, error occurs.
> > > If a frequency data greater than 100 MHz is to be sent to the
> > > receiver with VHF/UHF converter (CMK-165), the digit of 10 Hz
of
> > > synthesizer can be set but is not indicated.
> > > To set 14.250 MHz, a string « F01425000 » must be sent.
> > Leading 0
> > > cannot be ommitted to make a correct command string.
> > >
> > > « G » Argument : 1 byte
> > > Selects AGC.
> > > The relation between the argument and AGS ar as follows.
> > > Argument - Mode
> > > « 0 » : SLOW
> > > « 1 » : FAST
> > > « 2 » : Off
> > > « 3 » to « 9 » : Error
> > > To set FAST, a string « G1 » must be sent.
> > >
> > > « E » Argument : 1 byte
> > > Sets on-off of external control (RECEIVE MODE).
> > > The argument « 1 » turns on RECEIVE and argument « 0 »

> > turns offr
> > > RECEIVE. If an external controller once send a string « H1 »
> > to
> > the
> > > NRD-525, it can be controlled by the controller with use of
> control
> > > commands. To externally control NRD-525, « H1 » are to be
> > given to
> > > the NRD-525 first. If RECEIVE has been turn on, the vaccum
> > > fluorescent display on the NRD-525 indicates « REMOTE » and
> > the led
> > > for LOCK is lit. Then, all the key switches, PBS control, BFO
> > control
> > > and tuning control excepting the DIMMER and RIT switches on the
> > panel
> > > of the NRD-525 are electricaly locked. However, the tuning
> control
> > > works as the RIT control if the RIT switch is turned on.
> > >
> > > Every time « H1 » is sent to the receiver, the data which
> > indicating
> > > present receiver status(frequency, mode, bandwidth, AGC,
> > > attenuator,memory channel N°.) are sent back once to the
> > controller.
> > >
> > > Thereafter, the data of controlled item are sent back. However,
> if
> > > the channel is set, the data of all items are sent back. Fore
> > > example, if « H1 » is given to the receiver, when the
> > settings of
> > the
> > > receiver are the frequency 14.25 MHz, channel N°. 123 CH, mode
> > USB,
> > > AGC FAST, ATT OFF, and bandwidth AUX, the data arr sent back
> > > according to the following format
> > > « C123 », CR -> Channel N° 123 CH
> > > « D2 », CR -> Mode USB
> > > « G1 », CR -> AGC FAST
> > > « A0 », CR -> Attenuator OFF
> > > « B3 », CR -> Bandwidth AUX
> > > « F01425000», CR -> Frequency 14.25 MHz
> > >
> > > If setting has been done individually, the ....
> > > ....
> > > missing lines !
> > > missing lines !
> > > missing lines !
> > > missing lines !
> > > missing lines !
> > > missing lines !

> > > .....
> > > puter).
> > >
> > > For enabling above applications, you may need sufficient
> knowledges
> > > on signal format which you wish to receive as on hard and
> software
> > of
> > > personnal computer. Furthermore, you may need sufficient
> > programming
> > > capability.
> > > ----------END OF CMH-532 MANUAL----------

81. External Speaker??

Yahoo group: nrd-525-535
Date: 2001-12-05 06:09:51 UTC
From: wigglieboy
Topic: 81 Message: 81

Hi,

Just wondering what or if others are using for an external speaker
with there 525's. I've been using the built in one for about a year
and am getting tired of the crappy audio. Any suggestions or comments
would be greatly appreciated!!

Thanks
Greg

wigglieboy@...

82. Re: External Speaker??

Yahoo group: nrd-525-535
Date: 2001-12-05 23:29:58 UTC
From: chuckb33461
Topic: 81 Message: 82

--- In nrd-525-535@y..., "wigglieboy" <wigglieboy@h...> wrote:
> Hi,
>
> Just wondering what or if others are using for an external speaker
> with there 525's. I've been using the built in one for about a year
> and am getting tired of the crappy audio. Any suggestions or
comments
> would be greatly appreciated!!
>
> Thanks
> Greg
>
> wigglieboy@h...

I use regular 2way stereo speakers run thru an old stereo amplifier. I have my receiver connected via the external speaker jack in the back of my NRD to the amplifier. The speakers are connected to the stereo amplifier. I have my NRD535 connected to the right channel and my NRD545 connected to the left channel. I use the balance knob to listen to either receiver.

Chuck
KA4PRF

83. RE: [nrd-525-535] External Speaker??

Yahoo group: nrd-525-535
Date: 2001-12-06 02:50:53 UTC
From: Chris Deruyte
Topic: 81 Message: 83

I use an Altec Lansing computer speaker set on my Kenwood R-5000. I haven't tried it on the NRD-525, but it cost less than 30.00 and makes a noticeable difference.

-----Original Message-----
From: wigglieboy [mailto:wigglieboy@...]
Sent: Tuesday, December 04, 2001 10:10 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] External Speaker??

Hi,

Just wondering what or if others are using for an external speaker with there 525's. I've been using the built in one for about a year and am getting tired of the crappy audio. Any suggestions or comments would be greatly appreciated!!

Thanks
Greg

wigglieboy@...

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84. new member of the group from duesseldorf/germany

Yahoo group: nrd-525-535
Date: 2001-12-06 11:42:37 UTC
From: mdahm2002
Topic: 84 Message: 84

HI together!
(first, sorry of my bad english,but I#ve learn't it 25 years ago)
So, I hope that this group still excists!?
i#am the proud owner of a NRD 525 since 3 days and I have one urgent question: Where do i get a good repair service or used parts of this receiver?
best regards and77 michael

85. Re: [nrd-525-535] new member of the group from duesseldorf/germany

Yahoo group: nrd-525-535
Date: 2001-12-06 12:01:48 UTC
From: Charles Bolland
Topic: 84 Message: 85
Attachments: 2 described; binary payloads are missing from this source WARC

Michael,

In Germany, no idea? In the USA, at Universal Radio of Ohio.

chuck

mdahm2002 wrote:

> HI together!
> (first, sorry of my bad english,but I#ve learn't it 25 years ago)
> So, I hope that this group still excists!?
> i#am the proud owner of a NRD 525 since 3 days and I have one urgent
> question: Where do i get a good repair service or used parts of this
> receiver?
> best regards and77 michael
>
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86. Re: External Speaker??

Yahoo group: nrd-525-535
Date: 2001-12-06 21:40:29 UTC
From: r274bfrr
Topic: 81 Message: 86

--- In nrd-525-535@y..., "wigglieboy" <wigglieboy@h...> wrote:
> Hi,
>
> Just wondering what or if others are using for an external speaker
> with there 525's. I've been using the built in one for about a year
> and am getting tired of the crappy audio. Any suggestions or
comments
> would be greatly appreciated!!
>
> Thanks
> Greg
>
> wigglieboy@h...

Hi,

A speaker won't correct the "crappy" audio on the NRD-525. Listed
below is what i have done and some other tips. Incidentally I use a
modified NVA-88 speaker.

I have an extensively modified NRD-525 with the eskab pll board and
filter
boar. The first if (70.4550 if filter which is a whopping 68khz wide
has been
replaced with a 15 khz eskab filter. The receiver has the following
filters,
6.0, 4.0, 2.8 and 1.8 khz. It has extensive modifications to the agc.
I can
state that it is a very quiet receiver. Having said that, many years
(late80's)
when the NRD-525 was released, I purchased one. What a crappy
receiver, noisy,
audio sucked. Filters were less than optimal etc., etc. I sold it
within three
months. I have owned all of the Drake R8 series and now have the R8B
and think
it is a great receiver for the price. The 525 is quieter than the R8B
and is on
a par with any of the R-390A's i've owned. Unfortunately, the Eskab
boards and
mods are no longer available. Kiwa electronics offers modifications
for the 525
and 525 series. Craig Siegenthaler at Kiwa is great to deal with and
having
owned a 535 with all the Kiwa mods can highly recommend them. I sold
the 535 as

the 525 is a better receiver.

Listed below are modifications recommended by noted dx'er Thomas Nilsson from
Sweden. These are very good mods and most of them are incorporated on the eskab
boards.

My 525 is modifyed as follows:
==========
The arrester diodes are removed and replaced with a 10 mH choke and a neon
bulb.

The AVC is modifyed, R105 is shorted out - giving 1 Mohm here from the remaining R106.

I have modifyed with the Eskab AVC board - and made one very important modification to this board. It is necessary to change on this PCB121 board
the 1uF tantal capacitor to 0,01uF. Otherwise the recovery time will be to
slow. This board also cleans up the distorsion from the BFO.

Instead of modifying with the Eskab AVC board you could as well change both
R103 and R104 to 100K each, and change R105+R106 from 2 Mohm to c:a 500 K
(exact value must be tried out for proper recovery time in AM and SSB.)

Then I have changed the filters mostly to get a more quiet receiver, but
also to get better ultimate selectivity by careful cascading.
FL 1 is changed to Eskab 8-pole crystal filter (10-12 kHz @ 6dB).
FL 2 is changed to a CFX455I (4,5 kHz @ 6dB)
FL3 is a CFK455I (4,5 kHz @ 6dB)
FL4 is YTK 2,4 crystal filter
FL5 is YTK 1,8 crystal filter
FL6 is YTK 1,0 crystal filter

To get rid of all wide band noise, I have put in the Eskab PLAM board just
ahead of the detector.
Here I have soldered in some excellent ceramic filters cascading the ones
above as follows:
FL3 with CFK455I
FL4 with CFJ455K4
FL5 with CFJ455K5
FL6 with CFJ455K5

It is also very important to install 20K resistors on this board for R25,
R26, R16, R17, R40 and R41. Otherwise the impedance will not be correct and
the selectivity curves will show heavy ripple.

I am aware that this is close to "the emperors new clothes" regarding the
selectivity - but you should listen to how quiet the receiver is.

(A very good combination regarding AUX is for FL6 to have a CFJ455K5 cascaded with a CFK455I. This combination give about 3 kHz @ 6dB.)

I know that selectivity is very subjective. It is very easy to change the
combinations of filters to get other bandwidhs for each position. I mostly
listen to Wide (4 kHz@ 6 dB) and Inter (2,4@ 6 dB). I miss a good 3 kHz
combination and will in the future change the filters in the AUX slot.
From the Eskab board you also have access to the PLAM facility - but I almost never use this mode. If properly aligned, the ordinary SSB is stable
enough on most stations.

Finally I have made a careful alignment of the total receiver. Especially
the master oscillator must be set exactly on zero. Then you can take full
advantage of the e

87. CMH532 Manual (full version)

Yahoo group: nrd-525-535
Date: 2001-12-07 12:19:18 UTC
From: jmgirard2001
Topic: 87 Message: 87

The full version of CMH532 manual for NRD525 has been added to the
files section of this group.
It is in MS WORD OFFICE 95 format.

Thanks to gilt@... <gilt@...> for sending this group the
missing lines. So, now this manual is full.

Best Regards to all.
JM GIRARD
NANTES
FRANCE

88. Re: new member of the group from duesseldorf/germany

Yahoo group: nrd-525-535
Date: 2001-12-07 15:26:53 UTC
From: gtorbeck
Topic: 84 Message: 88

Michael,

I suggest you contact Charly Hardt: CHardt1025@....
He seems to be an important dealer of all types of new and used
communications receivers. He also has a web page:
http://www.charly-hardt.de/. He can probably give you good
information. Otherwise you could contact the ADDX club.

Good luck.

Gil

--- In nrd-525-535@y..., "mdahm2002" <dahm-kess@t...> wrote:
> HI together!
> (first, sorry of my bad english,but I#ve learn't it 25 years ago)
> So, I hope that this group still excists!?
> i#am the proud owner of a NRD 525 since 3 days and I have one
urgent
> question: Where do i get a good repair service or used parts of
this
> receiver?
> best regards and77 michael

89. Re: External Speaker??

Yahoo group: nrd-525-535
Date: 2001-12-07 15:55:17 UTC
From: gtorbeck
Topic: 81 Message: 89

Hi, Greg.

You're probably thinking of a cheaper solution, but I use a Grove SP-200 sound enhancer which is a speaker and the usual volume and separate tone controls, plus a notch, peak, and filter controls. I'm quite satisfied with it. (According to the Grove website, production of the SP-200 has terminated. The accessory may be substituted by a high-tech DSP unit in the future.)

Prior to purchasing the SP-200, I replaced the speaker in the receiver with a better one. There was some improvement but wasn't satisfied with that solution either.

Gil

--- In nrd-525-535@y..., "wigglieboy" <wigglieboy@h...> wrote:
> Hi,
>
> Just wondering what or if others are using for an external speaker
> with there 525's. I've been using the built in one for about a
year
> and am getting tired of the crappy audio. Any suggestions or
comments
> would be greatly appreciated!!
>
> Thanks
> Greg
>
> wigglieboy@h...

90. Re: [nrd-525-535] Re: new member of the group from duesseldorf/germany

Yahoo group: nrd-525-535
Date: 2001-12-08 09:09:04 UTC
From: dahm-kess@t-online.de
Topic: 84 Message: 90

gtorbeck schrieb:
> Michael,
>
> I suggest you contact Charly Hardt: CHardt1025@....
> He seems to be an important dealer of all types of new and used
> communications receivers. He also has a web page:
> http://www.charly-hardt.de/. He can probably give you good
> information. Otherwise you could contact the ADDX club.
>
> Good luck.
>
> Gil
>
> --- In nrd-525-535@y..., "mdahm2002" <dahm-kess@t...> wrote:
> > HI together!
> > (first, sorry of my bad english,but I#ve learn't it 25 years ago)
> > So, I hope that this group still excists!?
> > i#am the proud owner of a NRD 525 since 3 days and I have one
> urgent
> > question: Where do i get a good repair service or used parts of
> this
> > receiver?
> > best regards and77 michael
>
>
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>
>
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>
>THank you very much for the good information.I think I will do a visit to
Charly Hardt cause he has his shop in Remscheid quite near by my homeplace.
77 Michael

91. CMH532 Diagrams

Yahoo group: nrd-525-535
Date: 2002-01-03 14:39:26 UTC
From: kgarrels
Topic: 91 Message: 91

Hello,

as it seems to be difficult to get an CMH-532 interface these days, I
am thinking about building one.

Does anybody have the schemantic diargams of the CMH-532?

Best regards,
kai

92. AW: [nrd-525-535] CMH532 Diagrams

Yahoo group: nrd-525-535
Date: 1998-01-03 16:58:25 UTC
From: Gregor Behr
Topic: 92 Message: 92

Hello Kai,

just have sold my NRD525 a month ago,
but I could get a copy of the shematics form the CMH-532
from the new owner.

Please let me know, if you still need them...

Regards
Gregor

> -----Ursprüngliche Nachricht-----
> Von: kgarrels [SMTP:kgarrels@...]
> Gesendet am: Donnerstag, 3. Januar 2002 15:39
> An: nrd-525-535@yahoogroups.com
> Betreff: [nrd-525-535] CMH532 Diagrams
>
> Hello,
>
> as it seems to be difficult to get an CMH-532 interface these days, I
> am thinking about building one.
>
> Does anybody have the schemantic diargams of the CMH-532?
>
> Best regards,
> kai
>
>
>
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>
>
>

94. Re: CMH532 Diagrams

Yahoo group: nrd-525-535
Date: 2002-01-05 15:37:13 UTC
From: Alberto di Bene
Topic: 91 Message: 94

Gregor Behr <gregor@...> wrote:

> Hello Kai,
>
> just have sold my NRD525 a month ago,
> but I could get a copy of the shematics form the CMH-532
> from the new owner.

If you manage to have it scanned, could you please put it into the file area of the group ?

Thanks

Alberto di Bene, I2PHD

95. AW: [nrd-525-535] Re: CMH532 Diagrams

Yahoo group: nrd-525-535
Date: 2002-01-05 18:26:34 UTC
From: Gregor Behr
Topic: 95 Message: 95

Hi Alberto,

just give it a few days, he is still on vacation,
and I will then put it into the files area...

All the Best
Gregor

> -----Ursprüngliche Nachricht-----
> Von: Alberto di Bene [SMTP:dibene@...]
> Gesendet am: Samstag, 5. Januar 2002 16:37
> An: nrd-525-535@yahoogroups.com
> Betreff: [nrd-525-535] Re: CMH532 Diagrams
>
> Gregor Behr <gregor@trifid-nebula.de> wrote:
>
> > Hello Kai,
> >
> > just have sold my NRD525 a month ago,
> > but I could get a copy of the shematics form the CMH-532
> > from the new owner.
>
> If you manage to have it scanned, could you please put it into the file
> area of the group ?
>
> Thanks
>
> Alberto di Bene, I2PHD
>
>
>
>
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96. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2002-01-07 11:40:50 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 96

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /cmh532.JPG
Uploaded by : jmgirard2001 <cjgirard@...>
Description : CMH532 diagram

You can access this file at the URL

http://groups.yahoo.com/group/nrd-525-535/files/cmh532.JPG

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jmgirard2001 <cjgirard@...>

97. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2002-01-07 11:42:15 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 97

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /cmh632.JPG
Uploaded by : jmgirard2001 <cjgirard@...>
Description : CMH 632 Diagram

You can access this file at the URL

http://groups.yahoo.com/group/nrd-525-535/files/cmh632.JPG

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jmgirard2001 <cjgirard@...>

98. Re: CMH532 Diagrams

Yahoo group: nrd-525-535
Date: 2002-01-07 11:54:03 UTC
From: jmgirard2001
Topic: 91 Message: 98

--- In nrd-525-535@y..., Alberto di Bene <dibene@u...> wrote:
> Gregor Behr <gregor@t...> wrote:
>
> > Hello Kai,
> >
> > just have sold my NRD525 a month ago,
> > but I could get a copy of the shematics form the CMH-532
> > from the new owner.
>
> If you manage to have it scanned, could you please put it into the
file
> area of the group ?
>
> Thanks
>
> Alberto di Bene, I2PHD

To answer to your question, I put the diagram (JPG format) of CMH-532
in files section of this group.

It think it would be a difficult task to build a CMH 532 board(some
connectors are now no more available(see previous messages in this
group).

I trully think it's easier to buy a standard parallel/serial
converter and connect it to the DATA I/O board CMH 632 of the NRD 525.
(converters for printer ...).
So, I also put the diagram of CMH 632 in files section of this group.
I am the owner of the service manual of NRD 525 and I can scan the
pages regarding CMH 632, if you need.

Best Regards
JM GIRARD
NANTES
FRANCE

99. Hello

Yahoo group: nrd-525-535
Date: 2002-01-15 20:43:51 UTC
From: David Schofield
Topic: 99 Message: 99

Hello to all in the group. I'm a new NRD-525 user (well nearly new had it about 6 months). Uses so far have been mainly 80m ham listening and some HF utility stuff. So far it's been the best HF radio i've ever used (and i've used a few), rock solid stability and bang on frequency.
My other kit includes an Icom IC-R7100 Rx and a AOR 8200 handheld.
I'm interested in getting the most from my Rx, currently using a dipole cut for resonance at 7Mhz (approx) (and I must admit using CT-167 75 ohm coax feeder) can anyone recomend a more suitable ant for general HF utility listening on the 525?
Any comments gladly recieved :)

Dave
davesc@...

100. Re: [nrd-525-535] Hello

Yahoo group: nrd-525-535
Date: 2002-01-15 21:06:56 UTC
From: Paul van Dam
Topic: 100 Message: 100

David,

Here using a vertical antenna from Butternut (HF6-V) that works great for DX especially on the lower bands (80, 40 and 30 meter). For local traffic any piece of wire with an antenna tuner would do ok. Coax for a dipole should be 50 Ohms by the way. When you change the coax to an open line feeder it will be simple to tune it to any frequency. You could look at an G5RV antenna when you are mainly interested at HAM bands.

Paul van Dam, PA3AGO
----- Original Message -----
From: David Schofield
To: nrd-525-535@yahoogroups.com
Sent: dinsdag 15 januari 2002 21:43
Subject: [nrd-525-535] Hello

Hello to all in the group. I'm a new NRD-525 user (well nearly new had it about 6 months). Uses so far have been mainly 80m ham listening and some HF utility stuff. So far it's been the best HF radio i've ever used (and i've used a few), rock solid stability and bang on frequency.
My other kit includes an Icom IC-R7100 Rx and a AOR 8200 handheld.
I'm interested in getting the most from my Rx, currently using a dipole cut for resonance at 7Mhz (approx) (and I must admit using CT-167 75 ohm coax feeder) can anyone recomend a more suitable ant for general HF utility listening on the 525?
Any comments gladly recieved :)

Dave
davesc@clara.net

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101. Hi. New to group and I have a question (or 2) about 535 ROM versions.

Yahoo group: nrd-525-535
Date: 2002-01-17 06:50:03 UTC
From: tango1988
Topic: 101 Message: 101

Hi everyone,

I originally posted this message to rec.radio.shortwave. One of your members read it there and told me about this group. I think I'll just copy the message straight to this group, so here goes...

I got my new-to-me 535D about 10 days ago and I have been hard at it learning how to use it (a big step up from my 7600G), experimenting with antennas and trying out a number of computer control programs. This last item has led me to discover that there was at least one ROM upgrade issued for the 535D.

The FAQ for Smart NRD Control 32 from FineWare says there is a newer "H" ROM and an older "non-H" ROM. This program (which, BTW, I find to be excellent) controls the Bandwidth Control (BWC) and Passband Shift (PBS) of the 535D only if the unit is equipped with the "H" ROM and it appears that my radio has the older "non-H" ROM. Since I can control these functions from my PC using a simple comm (terminal) program to issue commands to the radio, I don't know why the author of Smart NRD Control chose to do as he has done. I suspect that the newer ROM allows the BWC to vary the width of the "wide" filter, whereas the "non-H" ROM allows for control of the "intermediate" filter only. If this is the case, I think that this alone could make the upgrade worthwhile (if it is not too expensive).

Has anybody ever had this ROM upgrade done? If so, what is involved? Does anybody have a 535D that they know is equipped with the "H" ROM? Does anybody know what capabilities of the radio are affected by the upgrade? There are probably a few more questions that will come up as well but these will do for starters.

Thanks in advance. Jim.

102. Re: [nrd-525-535] Hi. New to group and I have a question (or 2) about 535 ROM versions.

Yahoo group: nrd-525-535
Date: 2002-01-17 12:47:01 UTC
From: Charles Bolland
Topic: 101 Message: 102
Attachments: 2 described; binary payloads are missing from this source WARC

Jim,

I have an NRD535D. I have always had the ability to vary both the intermediate and wide filters with the BWC. Last year I installed the newer ROM and didn't notice any changes in the operation of the receiver.

However, you can purchase the new ROMs (there's two to install) from Universal. Becareful! Universal sent me the new roms with the labels upside down(just a piece of masking tape stuck to the chip), and I install the first pair wrong and blew them out. I believe the pair of chips cost around $70 plus shipping.

Chuck
KA4PRF
chuckb@...

tango1988 wrote:

> Hi everyone,
>
> I originally posted this message to rec.radio.shortwave. One of your
> members read it there and told me about this group. I think I'll just
> copy the message straight to this group, so here goes...
>
> I got my new-to-me 535D about 10 days ago and I have
> been hard at it learning how to use it (a big step up from
> my 7600G), experimenting with antennas and trying out
> a number of computer control programs. This last item
> has led me to discover that there was at least one ROM
> upgrade issued for the 535D.
>
> The FAQ for Smart NRD Control 32 from FineWare says
> there is a newer "H" ROM and an older "non-H" ROM. This
> program (which, BTW, I find to be excellent) controls the
> Bandwidth Control (BWC) and Passband Shift (PBS) of the
> 535D only if the unit is equipped with the "H" ROM and it
> appears that my radio has the older "non-H" ROM. Since I
> can control these functions from my PC using a simple
> comm (terminal) program to issue commands to the radio,
> I don't know why the author of Smart NRD Control chose to
> do as he has done. I suspect that the newer ROM allows the
> BWC to vary the width of the "wide" filter, whereas the "non-H"
> ROM allows for control of the "intermediate" filter only. If this is

> the case, I think that this alone could make the upgrade
> worthwhile (if it is not too expensive).
>
> Has anybody ever had this ROM upgrade done? If so, what is
> involved? Does anybody have a 535D that they know is equipped
> with the "H" ROM? Does anybody know what capabilities of the
> radio are affected by the upgrade? There are probably a few more
> questions that will come up as well but these will do for starters.
>
> Thanks in advance. Jim.
>
>
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103. [nrd-525-535] 535 ROM versions.

Yahoo group: nrd-525-535
Date: 2002-01-17 19:12:12 UTC
From: Jim Irwin
Topic: 101 Message: 103

Charles,

That is very interesting that you have always been able to
vary both filters with the BWC. If you don't mind my asking,
why did you upgrade the ROM? What was it meant to
accomplish?

Have you ever controlled your radio from a computer? I find
that using a simple comms program to send the receiver
commands gives me the greatest understanding of what is
going on, although this method is less convenient than using
a program such as Smart NRD Control 32.

Even though my instruction manual says that the "W" command
(which controls the BWC) takes values from 500 to 2400 Hz, in
actual fact my radio will accept values from 500 to only 2200 Hz.

In your manual (which I assume is more recent than mine) what
is the stated range of values for the "W" command?

Jim

At 12:47 PM 17/01/02 +0000, you (Charles Bolland) wrote:
>Jim,
>
>I have an NRD535D. I have always had the ability to vary both the intermediate and wide filters with the BWC. Last year I
>installed the newer ROM and didn't notice any changes in the operation of the receiver.
>
>However, you can purchase the new ROMs (there's two to install) from Universal. Becareful! Universal sent me the new roms with the labels upside down(just a piece of masking tape stuck to the chip), and I install the first pair wrong and blew them out. I believe the pair of chips cost around $70 plus shipping.
>
>Chuck
>KA4PRF
><mailto:chuckb@...>chuckb@...

--
Jim Irwin <jirwin@...>
Pritchard, BC Canada
PGP Key ID: EBE5CCF5 Key available on most public key servers

104. Re: [nrd-525-535] 535 ROM versions.

Yahoo group: nrd-525-535
Date: 2002-01-17 20:11:45 UTC
From: Charles Bolland
Topic: 101 Message: 104
Attachments: 2 described; binary payloads are missing from this source WARC

Jim,

I received a pen and ink correction to my manul which said the ranges were: 5500 to 2000 (wide probably) and 2200 to 0500(intermediate probably). I received this change when I bought the receiver, so I am asumming that the new ROM must have been put in my receiver then by Gilfer. I bought the receiver probably around 1993 or 1994.

I didn't notice anything different when I input the new chip last year. Universal told me after I had the chip what the changes were, but I can't recall. . I didn't know what the changes were when I first heard about the new chip and wanted my receiver up to date. Probably I felt as you do now. However, after getting the new chip and knowing what the changes were, I felt it was a waste of money and time. Sorry I can't recall the particulars now.

Jim Irwin wrote:

> Charles,
>
> That is very interesting that you have always been able to
> vary both filters with the BWC. If you don't mind my asking,
> why did you upgrade the ROM? What was it meant to
> accomplish?

I have found that since Gilfer has gone out of business, we are at the mercy of Universal which seems to me ,to have an attitude towards customer questions. Gilfer was more helpful.

In the back of the manual, there's instructions for installing the BWC board. If you want, you might check under the mother board to see if that "Cut of the print pattern" was accomplished correctly.

>
>
> Have you ever controlled your radio from a computer? I find
> that using a simple comms program to send the receiver
> commands gives me the greatest understanding of what is
> going on, although this method is less convenient than using
> a program such as Smart NRD Control 32.

I am a programmer. I have written remote control programs for the NRD525, NRD535D, NRD545, AND THE NRD345 receivers. You can veiw screen shots at my web page http://www.orchidcitysoftware.com/ Scroll down the page to find the receiver you're interested in.

>
>
> Even though my instruction manual says that the "W" command
> (which controls the BWC) takes values from 500 to 2400 Hz, in
> actual fact my radio will accept values from 500 to only 2200 Hz.

This is true. Please note the comment above about the pen and ink changes..

chuck
KA4PRF
http://www.orchidcitysoftware.com/
chuckb@...

>
>
> In your manual (which I assume is more recent than mine) what
> is the stated range of values for the "W" command?
>
> Jim
>
> At 12:47 PM 17/01/02 +0000, you (Charles Bolland) wrote:
> >Jim,
> >
> >I have an NRD535D. I have always had the ability to vary both the
> intermediate and wide filters with the BWC. Last year I
> >installed the newer ROM and didn't notice any changes in the
> operation of the receiver.
> >
> >However, you can purchase the new ROMs (there's two to install) from
> Universal. Becareful! Universal sent me the new roms with the labels
> upside down(just a piece of masking tape stuck to the chip), and I
> install the first pair wrong and blew them out. I believe the pair of
> chips cost around $70 plus shipping.
> >
> >Chuck
> >KA4PRF
> ><mailto:chuckb@...>chuckb@...
>
>
> --
> Jim Irwin <jirwin@...>
> Pritchard, BC Canada
> PGP Key ID: EBE5CCF5 Key available on most public key servers
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105. NRD-525: how to improve its audio

Yahoo group: nrd-525-535
Date: 2002-02-01 19:19:29 UTC
From: j_f_krueger
Topic: 105 Message: 105

hi group,

I´m trying to improve the audio-quality of my NRD-525. I´m thinking about
connecting amplified computer- speakers to the line-output of the receiver
to power up the audio a bit.
Can I damage the AF- circuit of the rx by connecting, let´s say 360W - computer-speakers, and will I hear any improvement?

Another idea is to connect a hifi-equilizer or even a small hifi-amplifier
(there´s a nice one with 12W output available at www.conrad.de (part-no.
350134-59) that has its own treble and bass-knobs)...

what do you think, which one is the better audio-booster for the 525?

greetings,

juergen

106. Re: [nrd-525-535] NRD-525: how to improve its audio

Yahoo group: nrd-525-535
Date: 2002-02-01 19:21:33 UTC
From: Paul Bauer
Topic: 105 Message: 106

i run the audio out of the 525 into a splitter cable (1 into 2) and then into the aux in on my stereo receiver.
much better sound

paul
----- Original Message -----
From: j_f_krueger
To: nrd-525-535@yahoogroups.com
Sent: Friday, February 01, 2002 1:19 PM
Subject: [nrd-525-535] NRD-525: how to improve its audio

hi group,

I´m trying to improve the audio-quality of my NRD-525. I´m thinking about
connecting amplified computer- speakers to the line-output of the receiver
to power up the audio a bit.
Can I damage the AF- circuit of the rx by connecting, let´s say 360W - computer-speakers, and will I hear any improvement?

Another idea is to connect a hifi-equilizer or even a small hifi-amplifier
(there´s a nice one with 12W output available at www.conrad.de (part-no.
350134-59) that has its own treble and bass-knobs)...

what do you think, which one is the better audio-booster for the 525?

greetings,

juergen

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107. Re: [nrd-525-535] NRD-525: how to improve its audio

Yahoo group: nrd-525-535
Date: 2002-02-02 12:00:12 UTC
From: Charles Bolland
Topic: 105 Message: 107
Attachments: 2 described; binary payloads are missing from this source WARC

Juergen,

I have a normal Stereo Amplier connected to my NRD525 using the line
out. It improves the
sound very much and there's no problems.

Chuck
chuckb@...

j_f_krueger wrote:

> hi group,
>
> I?m trying to improve the audio-quality of my NRD-525. I?m thinking
> about
> connecting amplified computer- speakers to the line-output of the
> receiver
> to power up the audio a bit.
> Can I damage the AF- circuit of the rx by connecting, let?s say 360W -
> computer-speakers, and will I hear any improvement?
>
> Another idea is to connect a hifi-equilizer or even a small hifi-
> amplifier
> (there?s a nice one with 12W output available at www.conrad.de (part-
> no.
> 350134-59) that has its own treble and bass-knobs)...
>
> what do you think, which one is the better audio-booster for the 525?
>
> greetings,
>
> juergen
>
>
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108. Question about 525 (just got one)

Yahoo group: nrd-525-535
Date: 2002-02-04 03:05:56 UTC
From: fcathell
Topic: 108 Message: 108

I just acquired a NRD-525 and was wondering if an AM sync detector option/board is available at a "reasonable" price? I also have a 1.8 kHz xtal filter for the radio that I do not need. What are the used filters going for?

Thanks,
Frank (K3YAZ)
Tucson

109. Re: [nrd-525-535] Question about 525 (just got one)

Yahoo group: nrd-525-535
Date: 2002-02-04 11:12:48 UTC
From: Charles Bolland
Topic: 108 Message: 109
Attachments: 2 described; binary payloads are missing from this source WARC

Frank,

I have the AM sync detector board from ESKAB which I am not using. Make
me an offer, if you want it?

Chuck
KA4PRF
chuckb@...

fcathell wrote:

> I just acquired a NRD-525 and was wondering if an AM sync detector
> option/board is available at a "reasonable" price? I also have a 1.8
> kHz xtal filter for the radio that I do not need. What are the used
> filters going for?
>
> Thanks,
> Frank (K3YAZ)
> Tucson
>
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110. FS: 1.8 kHz xtal filter for 525

Yahoo group: nrd-525-535
Date: 2002-02-05 02:02:15 UTC
From: fcathell
Topic: 110 Message: 110

I have the 1.8 kHz crystal filter that I won't be using. $70 shipped in US or BO. In original box with instructions (as if anyone needs them!) and card puller tools.

Frank

111. NRD 535 mod

Yahoo group: nrd-525-535
Date: 2002-02-11 21:39:16 UTC
From: matzavino
Topic: 111 Message: 111

I have been trying to locate the elusive jumper RJ8 on the CDC-493D
to restore the seconds on time display in vain. Is it labeled
differently on the schematic that comes with the user's manual?
Regards,

112. Re: [nrd-525-535] NRD 535 mod

Yahoo group: nrd-525-535
Date: 2002-02-11 21:50:44 UTC
From: Fabrizio Magrone
Topic: 111 Message: 112

Hello,

>I have been trying to locate the elusive jumper RJ8 on the CDC-493D
>to restore the seconds on time display in vain. Is it labeled
>differently on the schematic that comes with the user's manual?

I did this modification years ago and I find that I corrected my manual writing RJ7 (seven) where it says RJ8. So, just cut RJ7 for the seconds to appear.

73

Fabrizio

Fabrizio Magrone, Forli, Italy (JRC NRD-535, ICOM IC-R71, W41PC, 30m lw)
fmagrone@...

113. Re: NRD 535 mod

Yahoo group: nrd-525-535
Date: 2002-02-12 16:35:24 UTC
From: matzavino
Topic: 111 Message: 113

Mauricio,

You sound like an experienced NRD-535 user. I have another question regarding AM reception. I don't get too many AM stations with either an Alpha-Delta slopper or Sony AN1. On my Drake R8b I get everything. What is happening?

--- In nrd-525-535@y..., Fabrizio Magrone <fmagrone@k...> wrote:
> Hello,
>
> >I have been trying to locate the elusive jumper RJ8 on the CDC-493D
> >to restore the seconds on time display in vain. Is it labeled
> >differently on the schematic that comes with the user's manual?
>
> I did this modification years ago and I find that I corrected my manual
> writing RJ7 (seven) where it says RJ8. So, just cut RJ7 for the seconds to
> appear.
>
> 73
>
> Fabrizio
>
>
> ---
>
> Fabrizio Magrone, Forli, Italy (JRC NRD-535, ICOM IC-R71, W41PC, 30m lw)
> fmagrone@k...

114. Re: [nrd-525-535] Re: NRD 535 mod

Yahoo group: nrd-525-535
Date: 2002-02-12 18:03:45 UTC
From: Charles Bolland
Topic: 111 Message: 114
Attachments: 2 described; binary payloads are missing from this source WARC

Matzavino,

I have the same problem when I switch my antenna from the longwire to a dipole cut for the higher frequecies. Matzavino, try hooking a longwire up to the 600 ohm connector. The NRD535 is a better receiver, that's why you have the difference in selectivity.

chuck

matzavino wrote:

> Mauricio,
>
> You sound like an experienced NRD-535 user. I have another question
> regarding AM reception. I don't get too many AM stations with either
> an Alpha-Delta slopper or Sony AN1. On my Drake R8b I get everything.
> What is happening?
>
>
>
> --- In nrd-525-535@y..., Fabrizio Magrone <fmagrone@k...> wrote:
> > Hello,
> >
> > >I have been trying to locate the elusive jumper RJ8 on the CDC-493D
> > >to restore the seconds on time display in vain. Is it labeled
> > >differently on the schematic that comes with the user's manual?
> >
> > I did this modification years ago and I find that I corrected my
> manual
> > writing RJ7 (seven) where it says RJ8. So, just cut RJ7 for the
> seconds to
> > appear.
> >
> > 73
> >
> > Fabrizio
> >
> >
> > ---------------------------------
> >
> > Fabrizio Magrone, Forli, Italy (JRC NRD-535, ICOM IC-R71, W41PC,
> 30m lw)
> > fmagrone@k...
>
>

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115. Re: NRD 535 mod

Yahoo group: nrd-525-535
Date: 2002-02-12 20:43:50 UTC
From: matzavino
Topic: 111 Message: 115

All handy and dandy, but three antennaes for the NRD-535? I have the coax for the Alpha-Delta, the high impetance for the Sony AN1 and now a long wire to the 600 ohm connector? Isn't an overkill?

--- In nrd-525-535@y..., Charles Bolland <chuckb@u...> wrote:
> Matzavino,
>
> I have the same problem when I switch my antenna from the longwire to a
> dipole cut for the higher frequecies. Matzavino, try hooking a longwire
> up to the 600 ohm connector. The NRD535 is a better receiver, that's
> why you have the difference in selectivity.
>
> chuck
>
>
> matzavino wrote:
>
> > Mauricio,
> >
> > You sound like an experienced NRD-535 user. I have another question
> > regarding AM reception. I don't get too many AM stations with either
> > an Alpha-Delta slopper or Sony AN1. On my Drake R8b I get everything.
> > What is happening?
> >
> >
> >
> > --- In nrd-525-535@y..., Fabrizio Magrone <fmagrone@k...> wrote:
> > > Hello,
> > >
> > > >I have been trying to locate the elusive jumper RJ8 on the CDC-493D
> > > >to restore the seconds on time display in vain. Is it labeled
> > > >differently on the schematic that comes with the user's manual?
> > >
> > > I did this modification years ago and I find that I corrected my
> > manual
> > > writing RJ7 (seven) where it says RJ8. So, just cut RJ7 for the

> > seconds to
> > > appear.
> > >
> > > 73
> > >
> > > Fabrizio
> > >
> > >
> > > ---------------------------------
> > >
> > > Fabrizio Magrone, Forli, Italy (JRC NRD-535, ICOM IC-R71,
W41PC,
> > 30m lw)
> > > fmagrone@k...
> >
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<http://rd.yahoo.com/M=221000.1882886.3382503.1261774/D=egroupweb/S=17
05063108:HM/A=965713/R=0/O=1/I=brandr-promo-flowersale-alerts-
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116. Re: [nrd-525-535] Re: NRD 535 mod

Yahoo group: nrd-525-535
Date: 2002-02-12 22:12:19 UTC
From: Charles Bolland
Topic: 111 Message: 116
Attachments: 2 described; binary payloads are missing from this source WARC

Matzavino,

NOt on my receiver!

Chuck

matzavino wrote:

> All handy and dandy, but three antennaes for the NRD-535? I have the
> coax for the Alpha-Delta, the high impetance for the Sony AN1 and now
> a long wire to the 600 ohm connector? Isn't an overkill?
>
> --- In nrd-525-535@y..., Charles Bolland <chuckb@u...> wrote:
> > Matzavino,
> >
> > I have the same problem when I switch my antenna from the longwire
> to a
> > dipole cut for the higher frequecies. Matzavino, try hooking a
> longwire
> > up to the 600 ohm connector. The NRD535 is a better receiver,
> that's
> > why you have the difference in selectivity.
> >
> > chuck
> >
> >
> > matzavino wrote:
> >
> > > Mauricio,
> > >
> > > You sound like an experienced NRD-535 user. I have another
> question
> > > regarding AM reception. I don't get too many AM stations with
> either
> > > an Alpha-Delta slopper or Sony AN1. On my Drake R8b I get
> everything.
> > > What is happening?
> > >
> > >
> > >
> > > --- In nrd-525-535@y..., Fabrizio Magrone <fmagrone@k...> wrote:
> > > > Hello,
> > > >
> > > > >I have been trying to locate the elusive jumper RJ8 on the
> CDC-493D

> > > > >to restore the seconds on time display in vain. Is it labeled
> > > > >differently on the schematic that comes with the user's
> manual?
> > > >
> > > > I did this modification years ago and I find that I corrected
> my
> > > manual
> > > > writing RJ7 (seven) where it says RJ8. So, just cut RJ7 for the
> > > seconds to
> > > > appear.
> > > >
> > > > 73
> > > >
> > > > Fabrizio
> > > >
> > > >
> > > > ---------------------------------
> > > >
> > > > Fabrizio Magrone, Forli, Italy (JRC NRD-535, ICOM IC-R71,
> W41PC,
> > > 30m lw)
> > > > fmagrone@k...
> > >
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owers/index.html>
>
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117. Re: [nrd-525-535] Re: NRD 535 mod

Yahoo group: nrd-525-535
Date: 2002-02-12 22:25:49 UTC
From: Fabrizio Magrone
Topic: 111 Message: 117

Well,

>I have another question
>regarding AM reception. I don't get too many AM stations with either
>an Alpha-Delta slopper or Sony AN1. On my Drake R8b I get everything.
>What is happening?

I can't be of any help in this case, I'm sorry. I assume by AM you mean medium wave stations. The 535 is a very sensitive receiver, for instance more sensitive than my IC-R71 (the '71 of course had its factory MW attenuator excluded immediately after purchase), and I find it a great DX machine on MW.
You could try connecting a long wire antenna to the high impedance input, as Chuck suggested; control if the antenna switch on the back panel is oxidized or dirty (but this would affect all the bands, not only MW). I can't think of a cause, because I never observed such a problem. I never put my hands on the R8B, that's surely another very good receiver, but you shouldn't have such a strong difference between the two of them.

Ciao

Fabrizio

118. Re: [nrd-525-535] Re: NRD 535 mod

Yahoo group: nrd-525-535
Date: 2002-02-12 23:08:01 UTC
From: Hugo Gareis
Topic: 111 Message: 118

I find that if I bypass the input RF filter on my
NRD-525 then I cannot pick MW stations up very well.
You might want to check that out (on the 525, the key
combination <memo><4> switches the bypass on and off)

...Hugo

--- Fabrizio Magrone <fmagrone@...> wrote:
> Well,
>
> >I have another question
> >regarding AM reception. I don't get too many AM
> stations with either
> >an Alpha-Delta slopper or Sony AN1. On my Drake R8b
> I get everything.
> >What is happening?
>
> I can't be of any help in this case, I'm sorry. I
> assume by AM you mean
> medium wave stations. The 535 is a very sensitive
> receiver, for instance
> more sensitive than my IC-R71 (the '71 of course had
> its factory MW
> attenuator excluded immediately after purchase), and
> I find it a great DX
> machine on MW.
> You could try connecting a long wire antenna to the
> high impedance input,
> as Chuck suggested; control if the antenna switch
> on the back panel is
> oxidized or dirty (but this would affect all the
> bands, not only MW). I
> can't think of a cause, because I never observed
> such a problem. I never
> put my hands on the R8B, that's surely another very
> good receiver, but you
> shouldn't have such a strong difference between the
> two of them.
>
> Ciao
>
> Fabrizio
>
>

_____
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119. 545 Wideband antenna connector

Yahoo group: nrd-525-535
Date: 2002-02-13 01:41:11 UTC
From: Bill Carney
Topic: 111 Message: 119

I own an NRD-545, and recently picked up the CHE-199 unit to boost the frequency coverage range up to 2 GHz. Radio Shack has their 20-044 antenna on clearance for $10, so I picked one up. However, I don't know what sort of adapter I need to pick up to connect the F type connector on the RS antenna to the "Wide Band" connector on the back of the 545. It's not the standard coaxial type that is used on the HF coverage range, it's a bit smaller. Anyone know what type to purchase? I can't fidn it in the manual.

120. Re: [nrd-525-535] 545 Wideband antenna connector

Yahoo group: nrd-525-535
Date: 2002-02-13 01:51:48 UTC
From: paul bauer
Topic: 111 Message: 120

it's a "n" connector.
i dont know if they make a f to n adaptor
you may have to go from f to uhf to n.

paul
----- Original Message -----
From: Bill Carney
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 12, 2002 7:41 PM
Subject: [nrd-525-535] 545 Wideband antenna connector

I own an NRD-545, and recently picked up the CHE-199 unit to boost the frequency coverage range up to 2 GHz. Radio Shack has their 20-044 antenna on clearance for $10, so I picked one up. However, I don't know what sort of adapter I need to pick up to connect the F type connector on the RS antenna to the "Wide Band" connector on the back of the 545. It's not the standard coaxial type that is used on the HF coverage range, it's a bit smaller. Anyone know what type to purchase? I can't fidn it in the manual.

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121. RE: [nrd-525-535] 545 Wideband antenna connector

Yahoo group: nrd-525-535
Date: 2002-02-13 01:58:56 UTC
From: Bill Carney
Topic: 111 Message: 121

Thanks for the info. The antenna came with the F connectors on the cable, plus an F to BNC adapter. I picked up an F to SO-239connector thinking that it was what I needed; alas it was not. Back to Radio Shack tomorrow...
-----Original Message-----
From: paul bauer [mailto:paulb@...]
Sent: Tuesday, February 12, 2002 8:52 PM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] 545 Wideband antenna connector

it's a "n" connector.
i dont know if they make a f to n adaptor
you may have to go from f to uhf to n.

paul
----- Original Message -----
From: Bill Carney
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 12, 2002 7:41 PM
Subject: [nrd-525-535] 545 Wideband antenna connector

I own an NRD-545, and recently picked up the CHE-199 unit to boost the frequency coverage range up to 2 GHz. Radio Shack has their 20-044 antenna on clearance for $10, so I picked one up. However, I don't know what sort of adapter I need to pick up to connect the F type connector on the RS antenna to the "Wide Band" connector on the back of the 545. It's not the standard coaxial type that is used on the HF coverage range, it's a bit smaller. Anyone know what type to purchase? I can't fidn it in the manual.

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122. Adding an analog S-meter 525

Yahoo group: nrd-525-535
Date: 2002-03-07 21:05:42 UTC
From: sclerismockrey
Topic: 122 Message: 122

This is a marvelous group.
Through the kind offer of one of this group's contributors, I was able to purchase a fine 525 for my niece. We've been playing with it for a while now, and she's really enjoying it (hell, so am I!)...
But I'm wondering if there's a way to add an external analog (pin-style) S-meter, to better view signal drops and peaks, etc. When playing with active antennas, switching different antennas in and out to compare signal strength (even if only relative strength, we're not picky!) it would be far more informative to have a needle style meter than the often jumpy display meter.
Any ideas? Or am I dreaming?
Linus

123. NRD-525 "Click" noise at 800 Khz

Yahoo group: nrd-525-535
Date: 2002-03-30 14:41:22 UTC
From: neuquenguy
Topic: 123 Message: 123

When I am tuning my NRD 525 using the flywheel i notice a "click" noise on the back of the radio, like a relay opening or closing everytime I go over the 800khz frequency. Does anybody know what this could be?

Thanks

124. RE: [nrd-525-535] NRD-525 "Click" noise at 800 Khz

Yahoo group: nrd-525-535
Date: 2002-03-30 15:27:15 UTC
From: Bill Carney
Topic: 123 Message: 124

This happens on the 545 as well, primarily at MHz boundries, like
3999.999 - 4.0 MHz, etc. Not all of them, but many.

> When I am tuning my NRD 525 using the flywheel i notice a "click"
> noise on the back of the radio, like a relay opening or closing
> everytime I go over the 800khz frequency. Does anybody know what this
> could be?

125. Re: NRD-525 "Click" noise at 800 Khz

Yahoo group: nrd-525-535
Date: 2002-03-30 20:27:57 UTC
From: craigm55901
Topic: 123 Message: 125

--- In nrd-525-535@y..., "neuquenguy" <neuquenguy@y...> wrote:
> When I am tuning my NRD 525 using the flywheel i notice a "click"
> noise on the back of the radio, like a relay opening or closing
> everytime I go over the 800khz frequency. Does anybody know what
this
> could be?
>
> Thanks

There are several relays in the front end filters. They switch the
inductors and capacitors to tune different frequency ranges. They are
K2 through K7 on the schematic on page 28 of the owner's manual.

Craig

126. Re: NRD-525 "Click" noise

Yahoo group: nrd-525-535
Date: 2002-04-02 09:31:58 UTC
From: Alberto di Bene
Topic: 126 Message: 126

While the subject is click-noise, I have a request for all of you,
owners of a NRD-525.

I notice not a relay click, but a brief interruption of the audio,
very brief indeed, under the following conditions :

- The tuning changes from xx.xxx.50 to xx.xxx.51 i.e. :
on the 7 MHz band, tuning from 7064,50 to 7064,51

- The mode is SSB (USB or LSB doesn't matter)

- There is a moderately strong signal present. With no signal,
or a weak signal, the problem does not manifest.

- The AGC is ON (either Fast or Slow) and not OFF.

That very brief audio interruption happens every kilocycle, going
from .50 to .51 (or viceversa). It is not particularly annoying, but
I would prefer it were not there.

What I am asking you is if it is a peculiarity of my NRD-525, or
it is present in all the units. I have no access to any other 525 besides
mine, so that's why I am asking you all.
Thanks for any answer,

Alberto I2PHD

127. Re: [nrd-525-535] Re: NRD-525 "Click" noise

Yahoo group: nrd-525-535
Date: 2002-04-02 12:12:43 UTC
From: Charles Bolland
Topic: 126 Message: 127
Attachments: 2 described; binary payloads are missing from this source WARC

Alberto,

Yes I get it too. It is changing bands. If you purchased a Service
Manual, you'd see the list of bands
and that frequency is where it changes from sub band 4 to band 5.

chuck
KA4PRF
http://www.orchidcitysoftware.com NRD525 software
chuckb@...

Alberto di Bene wrote:

> While the subject is click-noise, I have a request for all of you,
> owners of a NRD-525.
>
> I notice not a relay click, but a brief interruption of the audio,
> very brief indeed, under the following conditions :
>
> - The tuning changes from xx.xxx.50 to xx.xxx.51 i.e. :
> on the 7 MHz band, tuning from 7064,50 to 7064,51
>
> - The mode is SSB (USB or LSB doesn't matter)
>
> - There is a moderately strong signal present. With no signal,
> or a weak signal, the problem does not manifest.
>
> - The AGC is ON (either Fast or Slow) and not OFF.
>
> That very brief audio interruption happens every kilocycle, going
> from .50 to .51 (or viceversa). It is not particularly annoying, but
> I would prefer it were not there.
>
> What I am asking you is if it is a peculiarity of my NRD-525, or
> it is present in all the units. I have no access to any other 525 besides
> mine, so that's why I am asking you all.
> Thanks for any answer,
>
> Alberto I2PHD
>
>
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128. Re: [nrd-525-535] Re: NRD-525 "Click" noise

Yahoo group: nrd-525-535
Date: 2002-04-02 15:16:55 UTC
From: Bob Parnass, AJ9S
Topic: 126 Message: 128

My former NRD-525 had a similar problem. It was annoying while
tuning across CW signals and made them sound "warbly" until
I stopped tuning.

I suspect the problem was that the NRD-525's synthesizer was
too slow to lock.

On Tuesday 02 April 2002 03:31 am, Alberto di Bene wrote:
> While the subject is click-noise, I have a request for all of you,
> owners of a NRD-525.
>
> I notice not a relay click, but a brief interruption of the audio,
> very brief indeed, under the following conditions :
>
> - The tuning changes from xx.xxx.50 to xx.xxx.51 i.e. :
> on the 7 MHz band, tuning from 7064,50 to 7064,51

--
==========
Bob Parnass, AJ9S parnass@... http://members.core.com/~parnass
Linux user

129. Re: NRD-525 "Click" noise

Yahoo group: nrd-525-535
Date: 2002-04-02 15:58:12 UTC
From: Alberto di Bene
Topic: 126 Message: 129

"Bob Parnass, AJ9S" wrote:

> My former NRD-525 had a similar problem. It was annoying while
> tuning across CW signals and made them sound "warbly" until
> I stopped tuning.
>
> I suspect the problem was that the NRD-525's synthesizer was
> too slow to lock.
>

Bob,
thanks. Strange that it happens only going from .50 to .51 and viceversa,
and that with AGC off it disappears. Must be some interaction between the
synthesizer and AGC, maybe some spikes...
Any other 525 user has this problem ? And,. better yet, did anybody manage
to fix it... Thanks.

Alberto I2PHD

130. Re: NRD-525 "Click" noise

Yahoo group: nrd-525-535
Date: 2002-04-03 16:49:15 UTC
From: pabigelow
Topic: 126 Message: 130

Hello,

I'll take this discussion one further, some signal strength
is required, the clicks are not audible (except for the
front end relay switch over points) unless there is a signal.

I believe this may be related to the synthesizer "chuff"
referred to in Magne's "Passport..." reviews.

I would agree it has something to do with AGC and the
synthesizer as well.

Best regards,

Paul Bigelow

--- In nrd-525-535@y..., Alberto di Bene <dibene@u...> wrote:
> "Bob Parnass, AJ9S" wrote:
>
> > My former NRD-525 had a similar problem. It was annoying while
> > tuning across CW signals and made them sound "warbly" until
> > I stopped tuning.
> >
> > I suspect the problem was that the NRD-525's synthesizer was
> > too slow to lock.
> >
>
> Bob,
> thanks. Strange that it happens only going from .50 to .51 and
viceversa,
> and that with AGC off it disappears. Must be some interaction
between the
> synthesizer and AGC, maybe some spikes...
> Any other 525 user has this problem ? And,. better yet, did anybody
manage
> to fix it... Thanks.
>
> Alberto I2PHD

131. NRD-525 For Sale

Yahoo group: nrd-525-535
Date: 2002-04-05 00:32:18 UTC
From: manddyoung
Topic: 131 Message: 131

Hello,

I have an NRD-525 that I would like to sell. It is unmodified and has the user's manual, tech manual, vinyl cover, and the RS-232 cable. Everything works and none of the buttons/knobs are worn. Asking $325 plus COD. Located in central Florida.

Doug

email manddyoung@...

132. Re: [nrd-525-535] NRD-525 For Sale

Yahoo group: nrd-525-535
Date: 2002-04-07 23:16:24 UTC
From: Michael Thompson
Topic: 131 Message: 132

Doug,

I am intereseted in your receiver.
What filters are in your receiver and does it have the
RS-232 interface board? Do you have any pictures or
can you describe its' cosmetic and electrical
condition?

Thanks,
Michael
--- manddyoung <manddyoung@...> wrote:
> Hello,
>
> I have an NRD-525 that I would like to sell. It is
> unmodified and has
> the user's manual, tech manual, vinyl cover, and the
> RS-232 cable.
> Everything works and none of the buttons/knobs are
> worn. Asking $325
> plus COD. Located in central Florida.
>
> Doug
>
> email manddyoung@...
>
>

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133. RE: [nrd-525-535] NRD-525 For Sale

Yahoo group: nrd-525-535
Date: 2002-04-08 01:23:20 UTC
From: Chris Deruyte
Topic: 131 Message: 133

If I didn't already have one, I'd snap it up in a heartbeat!

-----Original Message-----
From: Michael Thompson [mailto:m_thompson76001@...]
Sent: Sunday, April 07, 2002 4:16 PM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] NRD-525 For Sale

Doug,

I am intereseted in your receiver.
What filters are in your receiver and does it have the
RS-232 interface board? Do you have any pictures or
can you describe its' cosmetic and electrical
condition?

Thanks,
Michael
--- manddyoung <manddyoung@...> wrote:
> Hello,
>
> I have an NRD-525 that I would like to sell. It is
> unmodified and has
> the user's manual, tech manual, vinyl cover, and the
> RS-232 cable.
> Everything works and none of the buttons/knobs are
> worn. Asking $325
> plus COD. Located in central Florida.
>
> Doug
>
> email manddyoung@...
>
>

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134. NRD-525 for sale

Yahoo group: nrd-525-535
Date: 2002-04-08 10:56:06 UTC
From: manddyoung
Topic: 134 Message: 134

The unit has been sold and I'm shipping it today. Thanks to all that responded.

For MannyM. I tried to return mail you twice at ematzavi@...
and it was returned undeliverable.

Doug

135. Not likely, but worth a try...

Yahoo group: nrd-525-535
Date: 2002-04-09 03:49:29 UTC
From: w9lbb
Topic: 135 Message: 135

Greetings.

Does anyone out there have a CMH532 serial interface board that they'd
be willing to part with? My NRD-525 came wanting in that area.

I know it's not likely, but what the heck...

73's,

Tom, W9LBB

136. Kiwa Upgrades fro the NRD-525

Yahoo group: nrd-525-535
Date: 2002-04-23 20:13:40 UTC
From: neuquenguy
Topic: 136 Message: 136

Is Kiwa still doing the NRD-525 upgrades? I have sent 2 emails in the last couple of weeks with no response. I am thinking of getting the Premium Filter Module, the Ultimate Rejection Upgrade abd the Gilfer Switch Mod. Has anybody done any of these? Are they worth the money? Which mods do you recommend? What bandwidth would you use for the AUX filter? (I have a 1.8khz filter in the NAR position).

Thanks,

...Hugo

137. Re: [nrd-525-535] Kiwa Upgrades fro the NRD-525

Yahoo group: nrd-525-535
Date: 2002-04-24 14:32:35 UTC
From: Ken Ness
Topic: 136 Message: 137

First, a suggestion based on my experience. I find it easier to dial the phone than send an e-mail. Since Craig himself is the one who usually answers, it's also more effective, and he's a great guy to talk to.

I'd called several weeks ago in an effort to reduce my bank balance. I first asked about the SW-2 filter board, but that's no longer available as a kit. Ditto the 525 Ultimate Rejection upgrade (i.e., substituting an 8 kHz filter for the stock 12 kHz at FL2.) Getting desperate now, I fell back to the Magic Eye that's been back ordered for a few years now, only to learn that it, too, was no longer available, as they have enough trouble keeping up with orders for other products. Not wanting the call to be a total loss, I was able to get Craig to send me the 8 kHz filter itself with a few words of instruction on a post-it.

The 3.5 kHz module I bought from Gilfer is in the Narr position, as I wanted to maintain access to the full 12kHz bandwidth through Aux for some local AM. Of course, that's now only 8kHz, but that's more useful, especially as I can add more hiss by off-tuning with Sherwood's SE-3 sync detector (after a good antenna, THE best accessory.)
----- Original Message -----
From: neuquenguy
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, April 23, 2002 4:13 PM
Subject: [nrd-525-535] Kiwa Upgrades fro the NRD-525

Is Kiwa still doing the NRD-525 upgrades? I have sent 2 emails in
the last couple of weeks with no response. I am thinking of getting
the Premium Filter Module, the Ultimate Rejection Upgrade abd the
Gilfer Switch Mod. Has anybody done any of these? Are they worth the
money? Which mods do you recommend? What bandwidth would you use for
the AUX filter? (I have a 1.8khz filter in the NAR position).

Thanks,

...Hugo

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138. Re: Kiwa Upgrades fro the NRD-525

Yahoo group: nrd-525-535
Date: 2002-04-28 03:54:08 UTC
From: w9lbb
Topic: 136 Message: 138

Hello Hugo.

>>>What bandwidth would you use for the AUX filter? (I have a 1.8khz filter in the NAR position).<<<

1.8 KHz in the NARROW position??? YIKES!!!

What would you consider a WIDE filter to be?

I've gotta 1.8 KHz in MY radio too, but in the AUX position. I use it for SSB (when I'm not really very interested it what the other guy is saying), VERY badly tuned wide shift RTTY transmitters, and FAX under noisy conditions!

I've found that the 1.8 KHz is a filter that does MANY jobs, but doesn't do ANY of them very well. It's way too narrow for decent AM, and for SSB it's like a size 8 woman trying to get into a size 6 dress (uncomfortably tight, but but do-able with a bit of strain). For RTTY and digital mode use it's so wide it's like there's no filter there at all, and for CW it's a bad joke! <<GRIN>>

Glad I got the damned thing REAL cheap! It's a GREAT accesory to have in your radio, if ya didn't have to pay over five bucks for it... it serves as a nice cover to keep dust off of the spare filter socket holes. ;o)

Seriously tho... what to add in terms of another filter depends on what kinda stuff you're trying to do... as I hinted at with the above sarchasm.

In my NARROW position I've got a 300 Hz plugged in, which seems a pretty good compromise bandwidth for CW and narrow shift (170 Hz) FSK modes like SITOR.

Mr. T., W9LBB

139. New member-NRD-535 problem

Yahoo group: nrd-525-535
Date: 2002-05-05 18:00:09 UTC
From: Al Bolton
Topic: 139 Message: 139

Hi to all,

I've just joined this group, as I became the (mostly!) proud owner of my first NRD-535 today.

The set is in quite nice condition, but has a scuff mark to the right of the tuning knob where I guess someone has tuned with a ring on their finger. What a shame! Otherwise it looks great, and has the box and manual.

The biggest problem with the set is that it will happily tune itself! What is actually happening is that the tuning knob will rotate a little by itself after you let go of it, as there appears to be not enough friction present in the tuning mechanism to prevent the knob rotating. It tunes fine, but as soon as you stop tuning, off goes the knob, changing frequency by itself!

In the meantime, I have added some Blu-Tac to the back of the knob to balance it, which has helped. But does anyone have some idea about a fix for this, as surely it should be better designed than this!

The set is a little off frequency, which is also surprising for such a supposedly high grade set which is only 5 years old. I see from the manual that it's easy to retweak it back on frequency luckily.

I'm also rather surprised about how "plasticy" it feel, especially the frequency entry keys, which feel very lightweight. Otherwise it's super. I must admit to having been spoilt, as I work in radio, and have spent the last 20 years using only high grade Racal and WJ receivers...

I'm interested to hear any comments about all the above.

All the best from the UK,
Al Bolton, G4VSQ
http://www.reading-city.net/Vintage_Radios

140. Re: [nrd-525-535] New member-NRD-535 problem

Yahoo group: nrd-525-535
Date: 2002-05-05 18:45:05 UTC
From: Bob Parnass, AJ9S
Topic: 139 Message: 140

Al,
I am not familiar with Blu-Tac.

I made a large felt washer and placed
it between the tuning knob and front panel.
It stopped the "knob creep."

Welcome aboard and good luck.

PS: Due to their flexibility, I've had more fun using
NRD receivers (525, 535D, 545)
than I ever did with my professional receivers.

--
==========
Bob Parnass, AJ9S parnass@... http://members.core.com/~parnass
Linux user

141. Re: [nrd-525-535] New member-NRD-535 problem

Yahoo group: nrd-525-535
Date: 2002-05-05 19:00:13 UTC
From: William H. Bowen
Topic: 139 Message: 141

Al,

Welcome to the 525/535 Group!!! The 535 is just a bit different animal than an H500 uh :)).

I love my 525, but I haven't figured out how to run it on batteries yet, so I think I'll still keep my collection of TOs.

Regards,
Bill Bowen
bowenb@...
Daly City, CA

To: <nrd-525-535@yahoogroups.com>
From: "Al Bolton" <aj.bolton@...>
Date sent: Sun, 5 May 2002 19:00:09 +0100
Subject: [nrd-525-535] New member-NRD-535 problem
Send reply to: nrd-525-535@yahoogroups.com

> Hi to all,
>
> I've just joined this group, as I became the (mostly!) proud owner of my
> first NRD-535 today.
>
> The set is in quite nice condition, but has a scuff mark to the right of the
> tuning knob where I guess someone has tuned with a ring on their finger. What
> a shame! Otherwise it looks great, and has the box and manual.
>
> The biggest problem with the set is that it will happily tune itself! What is
> actually happening is that the tuning knob will rotate a little by itself
> after you let go of it, as there appears to be not enough friction present in
> the tuning mechanism to prevent the knob rotating. It tunes fine, but as soon
> as you stop tuning, off goes the knob, changing frequency by itself!
>
> In the meantime, I have added some Blu-Tac to the back of the knob to
> balance it, which has helped. But does anyone have some idea about a fix for
> this, as surely it should be better designed than this!
>
> The set is a little off frequency, which is also surprising for such a
> supposedly high grade set which is only 5 years old. I see from the manual
> that it's easy to retweak it back on frequency luckily.
>
> I'm also rather surprised about how "plasticy" it feel, especially the
> frequency entry keys, which feel very lightweight. Otherwise it's super. I
> must admit to having been spoilt, as I work in radio, and have spent the last
> 20 years using only high grade Racal and WJ receivers...

>
> I'm interested to hear any comments about all the above.
>
> All the best from the UK,
> Al Bolton, G4VSQ
> http://www.reading-city.net/Vintage_Radios
>
>
>
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142. Re: [nrd-525-535] New member-NRD-535 problem

Yahoo group: nrd-525-535
Date: 2002-05-05 19:06:51 UTC
From: Al Bolton
Topic: 139 Message: 142

Hi Bob,

Thanks for this suggestion. I will try something like this, though I'm rather surprised that the design is so poor that it's necessary!

Blu-Tac is a type of rubbery substance (a bit like chewing gum) which is used to stick things like posters to walls.

I have been using a Yaesu FRG-100 previously as my "home" receiver, and to be honest, its feel and performance were excellent for what it is. The NRD-535 looks great but only time will tell if it performs as well-I hope it will!

Thanks for your good wishes,
All the best,
Al Bolton, G4VSQ
http://www.reading-city.net/Vintage_Radios
----- Original Message -----
From: "Bob Parnass, AJ9S" <parnass@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, May 05, 2002 7:45 PM
Subject: Re: [nrd-525-535] New member-NRD-535 problem

> Al,
> I am not familiar with Blu-Tac.
>
> I made a large felt washer and placed
> it between the tuning knob and front panel.
> It stopped the "knob creep."
>
> Welcome aboard and good luck.
>
> PS: Due to their flexibility, I've had more fun using
> NRD receivers (525, 535D, 545)
> than I ever did with my professional receivers.

143. Re: [nrd-525-535] New member-NRD-535 problem

Yahoo group: nrd-525-535
Date: 2002-05-05 19:09:18 UTC
From: Al Bolton
Topic: 139 Message: 143

Hi Bill, nice to hear from you!

I have a Zenith Trans-Oceanic H-500 alongside the NRD-535 at the moment, and may try putting a picture in the Group's photos area of these two sets next to each other, if this is allowed. "The old teaching the new" I should call it!

Regards,
Al Bolton, G4VSQ
http://www.reading-city.net/Vintage_Radios
----- Original Message -----
From: "W
illiam H. Bowen" <bowenb@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, May 05, 2002 8:00 PM
Subject: Re: [nrd-525-535] New member-NRD-535 problem

> Al,
>
> Welcome to the 525/535 Group!!! The 535 is just a bit different animal
than
> an H500 uh :)).
>
> I love my 525, but I haven't figured out how to run it on batteries yet,
so I
> think I'll still keep my collection of TOs.
>
> Regards,
> Bill Bowen
> bowenb@...
> Daly City, CA
>
> To: <nrd-525-535@yahoogroups.com>
> From: "Al Bolton" <aj.bolton@...>
> Date sent: Sun, 5 May 2002 19:00:09 +0100
> Subject: [nrd-525-535] New member-NRD-535 problem
> Send reply to: nrd-525-535@yahoogroups.com
>
> > Hi to all,
> >
> > I've just joined this group, as I became the (mostly!) proud owner of my
> > first NRD-535 today.
> >
> > The set is in quite nice condition, but has a scuff mark to the right of
the
> > tuning knob where I guess someone has tuned with a ring on their finger.

What
> > a shame! Otherwise it looks great, and has the box and manual.
> >
> > The biggest problem with the set is that it will happily tune itself!
What is
> > actually happening is that the tuning knob will rotate a little by
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> > after you let go of it, as there appears to be not enough friction
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> > the tuning mechanism to prevent the knob rotating. It tunes fine, but as
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> > as you stop tuning, off goes the knob, changing frequency by itself!
> >
> > In the meantime, I have added some Blu-Tac to the back of the knob to
> > balance it, which has helped. But does anyone have some idea about a fix
for
> > this, as surely it should be better designed than this!
> >
> > The set is a little off frequency, which is also surprising for such a
> > supposedly high grade set which is only 5 years old. I see from the
manual
> > that it's easy to retweak it back on frequency luckily.
> >
> > I'm also rather surprised about how "plasticy" it feel, especially the
> > frequency entry keys, which feel very lightweight. Otherwise it's super.
I
> > must admit to having been spoilt, as I work in radio, and have spent the
last
> > 20 years using only high grade Racal and WJ receivers...
> >
> > I'm interested to hear any comments about all the above.
> >
> > All the best from the UK,
> > Al Bolton, G4VSQ
> > http://www.reading-city.net/Vintage_Radios
> >
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144. Re: New member-NRD-535 problem

Yahoo group: nrd-525-535
Date: 2002-05-09 23:03:10 UTC
From: w9lbb
Topic: 139 Message: 144

Howdy, Al!

Glad to see that there's life after the ACCUTRONS reflector! <<GRIN>>

Congratulations on the new radio!

Over here, we've been more than happy with the NRD-525, but on occasion I've cast a wistful eye toward the newer rigs. At the moment tho, I rather envy YOU... you're in the Land of Racal, my newest infatuation in things radio!

We just recently picked up a Racal RA-6790/GM (from Racal USA in Maryland; essentially, it's the American version of the British built RA-1792). All I can say is that the performance of the NRD-525 compares QUITE favorably to it (at 1/20th of the original retail price), and believe it or not, with a minor bit of ingenuity my stash of extra JRC IF crystal filters for the NRD-525 works quite nicely in the Racal! <<smile>>

However, I find myself quite intrigued by a rig that's a whole lot more available in YOUR territory than it is on this side of the Atlantic, the (somewhat older) RA-1772 (a product of the British Racal
plant).

Anyway... just wanted to drop you a note and welcome you to the list.

73's,

Tom, W9LBB
Sun Prairie, WI
(STILL wearing my Spaceview Accutron...
John Shult does VERY good work on 'em!)

145. Broken NRD-535

Yahoo group: nrd-525-535
Date: 2002-05-13 17:51:49 UTC
From: mmaghakian
Topic: 145 Message: 145

Hi all,

I just bought a broken 535 (its on its way), where the front panel does not light up but the speaker seems to be on (according to the seller).
I am thinking of sending it to JRC for repair unless someone can recommend a better solution. Unless JRC is very expensive it would seem like a better place to send it than Grove or universal.

Comments please.

Mike

146. Re: [nrd-525-535] Broken NRD-535

Yahoo group: nrd-525-535
Date: 2002-05-13 17:21:28 UTC
From: Charles Bolland
Topic: 145 Message: 146
Attachments: 1 described; binary payloads are missing from this source WARC

Mike,

When you find out what the problem is, let us know please. I have a
NRD535 and would like to know
what it may do in the future.

I would send it to JRC instead of Universal. They just replace circuit
boards at Universal while JRC may repair the part?

Chuck
chuckb@...

mmaghakian wrote:

> Hi all,
>
> I just bought a broken 535 (its on its way), where the front panel
> does not light up but the speaker seems to be on (according to the
> seller).
> I am thinking of sending it to JRC for repair unless someone can
> recommend a better solution. Unless JRC is very expensive it would
> seem like a better place to send it than Grove or universal.
>
> Comments please.
>
> Mike
>
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147. JRC repair centers

Yahoo group: nrd-525-535
Date: 2002-05-15 22:35:59 UTC
From: mmaghakian
Topic: 147 Message: 147

I got an email from JRC that says there are only 2 authorized repair centers, universal and Sherwood engineering.

148. Re: [nrd-525-535] JRC repair centers

Yahoo group: nrd-525-535
Date: 2002-05-17 01:34:31 UTC
From: bob mozeleski
Topic: 147 Message: 148

Here's my scoop on JRC repair. I have a 535D which only worked good on certain bands. I came to the conclusion that the RF input board had been zapped by lightening. So, i packed it up and shipped it off to Universal after exchanging a few e-mails with them. I had requested a estimate before repairs were done. Well, i got some outrageous estimate for $600 or something, i have the paper here somewhere. I said no on the repairs and had it shipped back to me my expense. When i pulled out the RF board, i saw they had unsoldered a bunch of diodes,ic's, and other components and LEFT THEM UNSOLDERED. Now the radio doesn't work on any bands. So i send a few more emails asking why they hacked it up on me and now i had a useless radio. I basically got a response saying they had to pull out the components and test them. Why they didn't solder them back in i guess is because they figured i would ok the estimate. I did tell them their service sucked and would tell everyone not to use their repair service. Oh well. I called up Sherwood Engineering, explained my situation, and was given a decent deal on a new RF board. He told me he had found only 2 new Rf boards in this country and Japan, would buy both, and sell one of them to me. I installed it myself, and it has worked fine ever since. That was a few years now and would highly recommend Sherwood for any and all repairs or parts.

--- mmaghakian <mmaghakian@...> wrote:
> I got an email from JRC that says there are only 2
> authorized repair
> centers, universal and Sherwood engineering.
>
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149. RE: [nrd-525-535] JRC repair centers

Yahoo group: nrd-525-535
Date: 2002-05-17 05:31:10 UTC
From: Chris Deruyte
Topic: 147 Message: 149

Thanks for the heads-up!!

-----Original Message-----
From: bob mozeleski [mailto:bmozeleski@...]
Sent: Thursday, May 16, 2002 6:35 PM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] JRC repair centers

Here's my scoop on JRC repair. I have a 535D which
only worked good on certain bands. I came to the
conclusion that the RF input board had been zapped by
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decent deal on a new RF board. He told me he had found
only 2 new Rf boards in this country and Japan, would
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myself, and it has worked fine ever since. That was a
few years now and would highly recommend Sherwood for
any and all repairs or parts.

--- mmaghakian <mmaghakian@...> wrote:
> I got an email from JRC that says there are only 2
> authorized repair
> centers, universal and Sherwood engineering.
>
>
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150. Re: [nrd-525-535] JRC repair centers

Yahoo group: nrd-525-535
Date: 2002-05-17 10:26:18 UTC
From: Charles Bolland
Topic: 147 Message: 150
Attachments: 3 described; binary payloads are missing from this source WARC

Bob,

Universal has us over a barrel. I am still paying off my credit card
for a repair job they did. Yes they get the receiver
working, but it cost as much as a used RADIO would cost. I wanted to
repair a NRD525, it needed a couple
of boards. The boards cost a few dollars less than a USED NRD525 they
were trying to sell. I went with the
used radio. Now I try to take better care of my receiver knowing how
costly repair is. I use to send my
radios to Gilfer for repair where it seemed I was getting ripped off.

Chuck

bob mozeleski wrote:

>
> Here's my scoop on JRC repair. I have a 535D which
> only worked good on certain bands. I came to the
> conclusion that the RF input board had been zapped by
> lightening. So, i packed it up and shipped it off to
> Universal after exchanging a few e-mails with them.
> I had requested a estimate before repairs were done.
> Well, i got some outrageous estimate for $600 or
> something, i have the paper here somewhere. I said no
> on the repairs and had it shipped back to me my
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> had to pull out the components and test them. Why they
> didn't solder them back in i guess is because they
> figured i would ok the estimate. I did tell them their
> service sucked and would tell everyone not to use
> their repair service. Oh well. I called up Sherwood
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> decent deal on a new RF board. He told me he had found
> only 2 new Rf boards in this country and Japan, would
> buy both, and sell one of them to me. I installed it
> myself, and it has worked fine ever since. That was a
> few years now and would highly recommend Sherwood for
> any and all repairs or parts.
>

> --- mmaghakian <mmaghakian@...> wrote:
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> > authorized repair
> > centers, universal and Sherwood engineering.
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151. Re: [nrd-525-535] JRC repair centers

Yahoo group: nrd-525-535
Date: 2002-05-18 00:34:05 UTC
From: bob mozeleski
Topic: 147 Message: 151

Well, i guess we all learn expensive
radios cost a few bucks to repair when they do break
at times. Anymore when i am not listening,radio gets
unplugged from the wall and antenna gets disconnected
and moved 15 feet away. The reason i unplug from the
wall is if lightnening does strike, it can easily jump
across the open power switch.Lots of newer equipment
is basically always on just in sleep or mute mode.
One of these days i will try to
cross reference a bunch of the chips on these boards
and see if they are still available for a decent
price. The diodes on the RF input board have some
weird numbers and don't cross easily.

--- Charles Bolland <chuckb@...> wrote:
> Bob,
>
> Universal has us over a barrel. I am still paying
> off my credit card
> for a repair job they did. Yes they get the
> receiver
> working, but it cost as much as a used RADIO would
> cost. I wanted to
> repair a NRD525, it needed a couple
> of boards. The boards cost a few dollars less than
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> were trying to sell. I went with the
> used radio. Now I try to take better care of my
> receiver knowing how
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> radios to Gilfer for repair where it seemed I was
> getting ripped off.
>
> Chuck
>
>
> bob mozeleski wrote:
>
> >
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> > conclusion that the RF input board had been zapped
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> > Universal after exchanging a few e-mails with
> them.
> > I had requested a estimate before repairs were
> done.
> > Well, i got some outrageous estimate for $600 or
> > something, i have the paper here somewhere.

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152. Re: [nrd-525-535] JRC repair centers

Yahoo group: nrd-525-535
Date: 2002-05-18 09:40:33 UTC
From: Charles Bolland
Topic: 147 Message: 152
Attachments: 2 described; binary payloads are missing from this source WARC

Bob,
I wrote an article back in the 90's for Fine Tunings Proceedings (1991
page R18.7). In it I discribed a problem simular to
the one you had where some bands work and others don't. I found that
replacing IC1(HD74LS1450 or ECG 74LSs145)
on The the CFL 205 board worked on the NRD525. The chip is available
in a electronics store other than radio shack; however, Radio Shack
might be able to order it. Eventhough your problem was for the
NRD535, the boards of
both receivers (NRD525- CFL 205 and NRD535- CFL287) have most of the
same components and the same problems.

Chuck
chuckb@...
http://www.orchidcitysoftware.com/ NRD SOFTWARE

bob mozeleski wrote:

>
> Well, i guess we all learn expensive
> radios cost a few bucks to repair when they do break
> at times. Anymore when i am not listening,radio gets
> unplugged from the wall and antenna gets disconnected
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> wall is if lightnening does strike, it can easily jump
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> One of these days i will try to
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> price. The diodes on the RF input board have some
> weird numbers and don't cross easily.
>
> --- Charles Bolland <chuckb@...> wrote:
> > Bob,
> >
> > Universal has us over a barrel. I am still paying
> > off my credit card
> > for a repair job they did. Yes they get the
> > receiver
> > working, but it cost as much as a used RADIO would
> > cost. I wanted to
> > repair a NRD525, it needed a couple
> > of boards. The boards cost a few dollars less than
> > a USED NRD525 they

> > were trying to sell. I went with the
> > used radio. Now I try to take better care of my
> > receiver knowing how
> > costly repair is. I use to send my
> > radios to Gilfer for repair where it seemed I was
> > getting ripped off.
> >
> > Chuck
> >
> >
> > bob mozeleski wrote:
> >
> > >
> > > Here's my scoop on JRC repair. I have a 535D which
> > > only worked good on certain bands. I came to the
> > > conclusion that the RF input board had been zapped
> > by
> > > lightening. So, i packed it up and shipped it off
> > to
> > > Universal after exchanging a few e-mails with
> > them.
> > > I had requested a estimate before repairs were
> > done.
> > > Well, i got some outrageous estimate for $600 or
> > > something, i have the paper here somewhere.
>
> _____
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> <http://rd.yahoo.com/M=178320.2057063.3524709.1829184/D=egroupweb/S=1705063108:HM/A=979989/R=0/*http://www.fastweb.com/ib/yahoo-79f>
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153. my broken 535D

Yahoo group: nrd-525-535
Date: 2002-05-22 20:20:10 UTC
From: mmaghakian
Topic: 153 Message: 153

Well I received my broken 535D yesterday and went to checking it out.
I cleaned the boards that seemed to have a sticky liquid pour over
them. the most affected board seemd to be the display/control board
attached to the from panel.
Unfortunately the problem still exists.
I turn on the rx and I can hear WWV but the display is not working.
The only controls that are working are squelch, rf gain, volume and
tone. the non cpu controlled functions.
any suggestions ??

154. Re: [nrd-525-535] my broken 535D

Yahoo group: nrd-525-535
Date: 2002-05-22 20:35:04 UTC
From: Jean Maurice GIRARD
Topic: 153 Message: 154

Look, Look search and try again and again.
May be you will find the problem.

May be it's only a machanical problem on the board.

Best regard

JM GIRARD
FRANCE
----- Original Message -----
From: mmaghakian
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, May 22, 2002 10:20 PM
Subject: [nrd-525-535] my broken 535D

Well I received my broken 535D yesterday and went to checking it out.
I cleaned the boards that seemed to have a sticky liquid pour over
them. the most affected board seemd to be the display/control board
attached to the from panel.
Unfortunately the problem still exists.
I turn on the rx and I can hear WWV but the display is not working.
The only controls that are working are squelch, rf gain, volume and
tone. the non cpu controlled functions.
any suggestions ??

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155. another item on my broken 535D

Yahoo group: nrd-525-535
Date: 2002-05-22 22:01:49 UTC
From: mmaghakian
Topic: 155 Message: 155

On my CPU board, resistor RJ 7 looks like it was clipped at the top leg, is that normal by any chance or should I solder it back together.

156. Re: [nrd-525-535] my broken 535D

Yahoo group: nrd-525-535
Date: 2002-05-22 22:12:14 UTC
From: Jim Irwin
Topic: 153 Message: 156

Mike,
Do you have the Service Manual, or, at the very least, the
Instruction Manual? If not, and you are serious about trying
to repair this radio yourself, you should get them.

I think that you will be lost otherwise.

I bought a good photocopy on eBay for about $23 plus postage.

Jim Irwin

At 08:20 PM 22/05/02 +0000, you (mmaghakian) wrote:

>Well I received my broken 535D yesterday and went to checking it out.
>I cleaned the boards that seemed to have a sticky liquid pour over
>them. the most affected board seemd to be the display/control board
>attached to the from panel.
>Unfortunately the problem still exists.
>I turn on the rx and I can hear WWV but the display is not working.
>The only controls that are working are squelch, rf gain, volume and
>tone. the non cpu controlled functions.
>any suggestions ??
>
>
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>
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>
>
>
>
>
>---
>Incoming mail is certified Virus Free.
>Checked by AVG anti-virus system (http://www.grisoft.com).
>Version: 6.0.361 / Virus Database: 199 - Release Date: 07/05/02

--
Jim Irwin <jirwin@...>
Pritchard, BC Canada
PGP Key ID: EBE5CCF5 Key available on most public key servers

157. Re: [nrd-525-535] my broken 535D

Yahoo group: nrd-525-535
Date: 2002-05-22 21:23:18 UTC
From: Charles Bolland
Topic: 153 Message: 157
Attachments: 2 described; binary payloads are missing from this source WARC

Sounds like a board isn't making contact. I would try re-inserting all
the boards again, especially CDC-493AD CPU board.

I had a problem with my NRD535D awhile ago which sounds like yours. I
felt it was the IC3 on CDC-493. I had
been messing around with my computer and sent a large coded Loop to the
receiver which seemed to effect
the Receiver's CPU. I didn't get any display afterwards. I gently
removed IC3 from CDC-493 and replaced it
with an older version I had from an upgrade - the receiver worked with
the older version.
I let the newer chip set over night. The next day I replaced it back
into the receiver and the receiver was good as new.
Letting the chip set without any battery backup over night, seemed to
erase the fault and let the original memory come
back.

If you try this, it's at your own risk.

Chuck

Jean Maurice GIRARD wrote:

> Look, Look search and try again and again.
>
> May be you will find the problem.
>
>
>
> May be it's only a machanical problem on the board.
>
>
>
> Best regard
>
>
>
> JM GIRARD
>
> FRANCE
>
> ----- Original Message -----
>
> From:mmaghakian <mailto:mmaghakian@...>
>

> To:nrd-525-535@yahoogroups.com <mailto:nrd-525-535@yahoogroups.com>
>
> Sent: Wednesday, May 22, 2002 10:20 PM
>
> Subject: [nrd-525-535] my broken 535D
>
>
> Well I received my broken 535D yesterday and went to checking it out.
> I cleaned the boards that seemed to have a sticky liquid pour over
> them. the most affected board seemd to be the display/control board
> attached to the from panel.
> Unfortunately the problem still exists.
> I turn on the rx and I can hear WWV but the display is not working.
> The only controls that are working are squelch, rf gain, volume and
> tone. the non cpu controlled functions.
> any suggestions ??
>
>
>
> To unsubscribe from this group, send an email to:
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239/R=0/*http://ads.x10.com/?bHlhaG9vaG0xLmRhd=1022099644%3eM=226014.2032696.3508022.18291
84/D=egroupweb/S=1705063108:HM/A=1000239/R=1>
>
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158. Re: [nrd-525-535] another item on my broken 535D

Yahoo group: nrd-525-535
Date: 2002-05-22 21:26:35 UTC
From: Charles Bolland
Topic: 155 Message: 158
Attachments: 2 described; binary payloads are missing from this source WARC

That's normal -

chuck

mmaghakian wrote:

> On my CPU board, resistor RJ 7 looks like it was clipped at the top
> leg, is that normal by any chance or should I solder it back together.
>
>
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> <http://rd.yahoo.com/M=178320.2057063.3524709.1829184/D=egroupweb/S=1705063108:HM/A=979989/R=0/*http://www.fastweb.com/ib/yahoo-79f>
>
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159. Re: [nrd-525-535] another item on my broken 535D

Yahoo group: nrd-525-535
Date: 2002-05-22 21:28:58 UTC
From: Charles Bolland
Topic: 155 Message: 159
Attachments: 2 described; binary payloads are missing from this source WARC

correct my last to read, that's not normal. RJ5 is the one that's not
connected on my board.

chuck

mmaghakian wrote:

> On my CPU board, resistor RJ 7 looks like it was clipped at the top
> leg, is that normal by any chance or should I solder it back together.
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
> <http://rd.yahoo.com/M=178320.2057063.3524709.1829184/D=egroupweb/S=1705063108:HM/A=979989/R=0/*http://www.fastweb.com/ib/yahoo-79f>
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160. Re: [nrd-525-535] another item on my broken 535D

Yahoo group: nrd-525-535
Date: 2002-05-22 22:37:29 UTC
From: Bob Parnass, AJ9S
Topic: 155 Message: 160

I replaced my NRD-535D with an NRD-545 and no longer
have the 535 manuals.

Look near the back of the NRD-535D instruction manual.
It explains how to cut one or more jumpers on the CPU
board to change the behavior of the some of the features.
I clipped a jumper on the CPU board to make it act more like a
radio with 2 VFOs, but I don't recall if the
jumper was RJ 7.

On Wednesday 22 May 2002 05:01 pm, mmaghakian wrote:
> On my CPU board, resistor RJ 7 looks like it was clipped at the top
> leg, is that normal by any chance or should I solder it back together.
>

--
==
Bob Parnass, AJ9S parnass@... http://members.core.com/~parnass
Linux user

161. Re: my broken 535D

Yahoo group: nrd-525-535
Date: 2002-05-22 23:24:27 UTC
From: mmaghakian
Topic: 153 Message: 161

I just put a bid in for the manuals on ebay from the seller
radiomanuals for $19.95 for the set plus postage.

--- In nrd-525-535@y..., Jim Irwin <jirwin@m...> wrote:
> Mike,
> Do you have the Service Manual, or, at the very least, the
> Instruction Manual? If not, and you are serious about trying
> to repair this radio yourself, you should get them.
>
> I think that you will be lost otherwise.
>
> I bought a good photocopy on eBay for about $23 plus postage.
>
> Jim Irwin
>
> At 08:20 PM 22/05/02 +0000, you (mmaghakian) wrote:
>
> >Well I received my broken 535D yesterday and went to checking it
out.
> >I cleaned the boards that seemed to have a sticky liquid pour over
> >them. the most affected board seemd to be the display/control
board
> >attached to the from panel.
> >Unfortunately the problem still exists.
> >I turn on the rx and I can hear WWV but the display is not
working.
> >The only controls that are working are squelch, rf gain, volume
and
> >tone. the non cpu controlled functions.
> >any suggestions ??
> >
> >
> >
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> >

> >---
> >Incoming mail is certified Virus Free.
> >Checked by AVG anti-virus system (http://www.grisoft.com).
> >Version: 6.0.361 / Virus Database: 199 - Release Date: 07/05/02
>
>
> --
> Jim Irwin <jirwin@m...>
> Pritchard, BC Canada
> PGP Key ID: EBE5CCF5 Key available on most public key servers

162. Replacement boards for the 535

Yahoo group: nrd-525-535
Date: 2002-06-05 15:27:20 UTC
From: mmaghakian
Topic: 162 Message: 162

For those of you wondering, Universal quoted me these prices for replacement boards:
CPU $188
Display $342

I am still working on the dead 535, I now have the service manual but I am not an advanced electronics technician so I may look for someone locally to see if they can repair the radio.

163. Re: [nrd-525-535] Replacement boards for the 535

Yahoo group: nrd-525-535
Date: 2002-06-05 15:29:57 UTC
From: Mike Wolfson
Topic: 162 Message: 163

how difficult is it to troubleshoot...I've got one that's about 10 years old and am wondering how much trouble lies ahead for me....I've had KIWA do several mods to mine and heard that Universal won't touch it...
Mike

----- Original Message -----
From: mmaghakian
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, June 05, 2002 11:27 AM
Subject: [nrd-525-535] Replacement boards for the 535

For those of you wondering, Universal quoted me these prices for
replacement boards:
CPU $188
Display $342

I am still working on the dead 535, I now have the service manual but
I am not an advanced electronics technician so I may look for someone
locally to see if they can repair the radio.

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164. Re: [nrd-525-535] Replacement boards for the 535

Yahoo group: nrd-525-535
Date: 2002-06-05 15:57:27 UTC
From: Charles Bolland
Topic: 162 Message: 164

Did you get my suggestion to your problem a few weeks ago when you first mentioned it????

Try it

Chuck
chuckb@...

mmaghakian wrote:

> For those of you wondering, Universal quoted me these prices for
> replacement boards:
> CPU $188
> Display $342
>
> I am still working on the dead 535, I now have the service manual but
> I am not an advanced electronics technician so I may look for someone
> locally to see if they can repair the radio.
>
>
> To unsubscribe from this group, send an email to:
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>
>
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165. Re: Replacement boards for the 535

Yahoo group: nrd-525-535
Date: 2002-06-06 20:58:06 UTC
From: mmaghakian
Topic: 162 Message: 165

I tried it and the radio still doesn't work.

--- In nrd-525-535@y..., Charles Bolland <chuckb@u...> wrote:
> Did you get my suggestion to your problem a few weeks ago when you
first
> mentioned it????
>
> Try it
>
> Chuck
> chuckb@u...
>
>
> mmaghakian wrote:
>
> > For those of you wondering, Universal quoted me these prices for
> > replacement boards:
> > CPU $188
> > Display $342
> >
> > I am still working on the dead 535, I now have the service manual
but
> > I am not an advanced electronics technician so I may look for
someone
> > locally to see if they can repair the radio.
> >
> >
> > To unsubscribe from this group, send an email to:
> > nrd-525-535-unsubscribe@y...
> >
> >
> >
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166. Re: Replacement boards for the 535

Yahoo group: nrd-525-535
Date: 2002-06-06 21:00:25 UTC
From: mmaghakian
Topic: 162 Message: 166

when I wrote universal they told me they do NOT repair the boards
they only swap. AND they won't test the boards so you take a BIG
chance loosing a lot of money if you pick the wrong board. I don't
understand this.
Sherwood stopped answering my emails after I asked how much to test
my boards.

--- In nrd-525-535@y..., "Mike Wolfson" <mwolfson@b...> wrote:
> how difficult is it to troubleshoot...I've got one that's about 10
years old and am wondering how much trouble lies ahead for me....I've
had KIWA do several mods to mine and heard that Universal won't touch
it...
> Mike
>
>
> ----- Original Message -----
> From: mmaghakian
> To: nrd-525-535@y...
> Sent: Wednesday, June 05, 2002 11:27 AM
> Subject: [nrd-525-535] Replacement boards for the 535
>
>
> For those of you wondering, Universal quoted me these prices for
> replacement boards:
> CPU $188
> Display $342
>
> I am still working on the dead 535, I now have the service manual
but
> I am not an advanced electronics technician so I may look for
someone
> locally to see if they can repair the radio.
>
>
> To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@y...
>
>
>
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167. Re: [nrd-525-535] Re: Replacement boards for the 535

Yahoo group: nrd-525-535
Date: 2002-06-06 21:16:01 UTC
From: Mike
Topic: 162 Message: 167

thanks, does not sound very encouraging to say the least.....

Mike
----- Original Message -----
From: mmaghakian
To: nrd-525-535@yahoogroups.com
Sent: Thursday, June 06, 2002 5:00 PM
Subject: [nrd-525-535] Re: Replacement boards for the 535

when I wrote universal they told me they do NOT repair the boards
they only swap. AND they won't test the boards so you take a BIG
chance loosing a lot of money if you pick the wrong board. I don't
understand this.
Sherwood stopped answering my emails after I asked how much to test
my boards.

--- In nrd-525-535@y..., "Mike Wolfson" <mwolfson@b...> wrote:
> how difficult is it to troubleshoot...I've got one that's about 10
years old and am wondering how much trouble lies ahead for me....I've
had KIWA do several mods to mine and heard that Universal won't touch
it...
> Mike
>
>
> ----- Original Message -----
> From: mmaghakian
> To: nrd-525-535@y...
> Sent: Wednesday, June 05, 2002 11:27 AM
> Subject: [nrd-525-535] Replacement boards for the 535
>
>
> For those of you wondering, Universal quoted me these prices for
> replacement boards:
> CPU $188
> Display $342
>
> I am still working on the dead 535, I now have the service manual
but
> I am not an advanced electronics technician so I may look for
someone
> locally to see if they can repair the radio.
>
>
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168. AW: [nrd-525-535] Re: Replacement boards for the 535

Yahoo group: nrd-525-535
Date: 2002-06-06 22:35:40 UTC
From: Gregor Behr
Topic: 168 Message: 168

Hi,

what about getting the service manual and then
ask one of your favourite local radio/tv technicians ?

NRDs are built with discrete hardware, so anyone
who has knowledge of radios / circuit shemes can
find an error and repair it...

Here at my place (sorry, in Germany...) I do have
such an radio/tv expert who does such work in an
excellent way, maybe you try it this way
before you get gray hair with JRC service partners...

Good Luck
Gregor

-----Ursprüngliche Nachricht-----
Von: mmaghakian [SMTP:mmaghakian@yahoo.com]
Gesendet am: Donnerstag, 6. Juni 2002 22:58
An: nrd-525-535@yahoogroups.com
Betreff: [nrd-525-535] Re: Replacement boards for the 535

I tried it and the radio still doesn't work.

--- In nrd-525-535@y..., Charles Bolland <chuckb@u...> wrote:
> Did you get my suggestion to your problem a few weeks ago when you
first
> mentioned it????
>
> Try it
>
> Chuck
> chuckb@u...
>
>
> mmaghakian wrote:
>
> > For those of you wondering, Universal quoted me these prices for
> > replacement boards:
> > CPU $188
> > Display $342
> >
> > I am still working on the dead 535, I now have the service manual
but
> > I am not an advanced electronics technician so I may look for
someone

> > locally to see if they can repair the radio.
> >
> >
> > To unsubscribe from this group, send an email to:
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169. Trouble with my NRD-525

Yahoo group: nrd-525-535
Date: 2002-07-01 20:43:21 UTC
From: robert parker
Topic: 169 Message: 169

Hi;

I have a problem with my NRD-525. I can only hear signals when the AGC is off. Anytime AGC is selected, the S meter goes full scale and no audio. Has anyone had a similar problem? I reseated the boards but no joy. Unfortunately the crook that I bought it from did not have a user manual. He of course said it worked perfectly and now ignores my e-mails. Live and Learn.

Any help appreciated.

Robert

_____
Post your ad for free now! http://personals.yahoo.ca

170. Re: [nrd-525-535] Trouble with my NRD-525

Yahoo group: nrd-525-535
Date: 2002-07-01 21:00:56 UTC
From: Al Bolton
Topic: 169 Message: 170

I don't have an NRD-525, but I do have an NRD-535. Have you checked that the RF gain is fully rotated in the clockwise position??? If it has been turned anti-clockwise fully, the set will behave much as you describe!

Good luck,
Al Bolton, G4VSQ
http://www.reading-city.net/Vintage_Radios

----- Original Message -----
From: "robert parker" <valveman_6146@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, July 01, 2002 9:43 PM
Subject: [nrd-525-535] Trouble with my NRD-525

> Hi;
>
> I have a problem with my NRD-525. I can only hear
> signals when the AGC is off. Anytime AGC is selected,
> the S meter goes full scale and no audio. Has anyone
> had a similar problem? I reseated the boards but no
> joy. Unfortunately the crook that I bought it from
> did not have a user manual. He of course said it
> worked perfectly and now ignores my e-mails. Live and
> Learn.
>
> Any help appreciated.
>
> Robert
>
> _____
> Post your ad for free now! http://personals.yahoo.ca
>
> To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
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171. Re: Trouble with my NRD-525

Yahoo group: nrd-525-535
Date: 2002-07-02 00:40:07 UTC
From: valveman_6146
Topic: 169 Message: 171

Hi Al and thank you for your reply.
Yes the RF gain was fully clockwise. I don't blame you for asking that question since you do not know my background hi hi. I was hoping to get some devine inspiration from someone that had a similar problem before I tackle the job of fixing it without schematics.
My background: Engineering Now working on my Meng.

Looks like it will be a hunt and shoot job.

Regards,
Robert

--- In nrd-525-535@y..., "Al Bolton" <aj.bolton@v...> wrote:
> I don't have an NRD-525, but I do have an NRD-535. Have you checked that the
> RF gain is fully rotated in the clockwise position??? If it has been turned
> anti-clockwise fully, the set will behave much as you describe!
>
> Good luck,
> Al Bolton, G4VSQ
> http://www.reading-city.net/Vintage_Radios
>
>

172. Re: [nrd-525-535] Re: Trouble with my NRD-525

Yahoo group: nrd-525-535
Date: 2002-07-02 00:21:15 UTC
From: Charles Bolland
Topic: 169 Message: 172
Attachments: 1 described; binary payloads are missing from this source WARC

Robert

The AGC circuit is located on the CAE 182 board. RV5 is the ajustment
for the AGC.
There's three IC's, IC3, IC6, and IC9 which are the same components.
One of them
controls the AGC (amp). I don't know which one? Check all the solder
connections.
you might have a cold solder point. I have repaired my receiver by
reheating the solder
joints of components and the receiver has come back.

At the bottom of the board, point 13 is AGC fast, point 12 is AGC, and
point 21 is AGC off.
Test Point 3 is the test point for the AGC.

Hope the above helps you.

Chuck
KA4PRF
chuckb@...

valveman_6146 wrote:

> Hi Al and thank you for your reply.
> Yes the RF gain was fully clockwise. I don't blame you for asking
> that question since you do not know my background hi hi. I was
> hoping to get some devine inspiration from someone that had a
> similar problem before I tackle the job of fixing it without
> schematics.
> My background: Engineering Now working on my Meng.
>
> Looks like it will be a hunt and shoot job.
>
> Regards,
> Robert
>
>
>
>
> --- In nrd-525-535@y..., "Al Bolton" <aj.bolton@v...> wrote:
> > I don't have an NRD-525, but I do have an NRD-535. Have you
> checked that the
> > RF gain is fully rotated in the clockwise position??? If it has
> been turned

> > anti-clockwise fully, the set will behave much as you describe!
> >
> > Good luck,
> > Al Bolton, G4VSQ
> > http://www.reading-city.net/Vintage_Radios
> >
> >
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173. Re: [nrd-525-535] Re: Trouble with my NRD-525

Yahoo group: nrd-525-535
Date: 2002-07-02 06:52:42 UTC
From: Al Bolton
Topic: 169 Message: 173

OK Robert, I'm sorry that it's not a simple fix. I believe these sets do have the odd problem with dry/cold solder joints, so it could well be worth reflowing some of the joints associated with the AGC circuit.

BUT...I have had some similar
problems to you with my NRD-515 which were cured by checking EVERY one of the board interconnecting cables and soldering the cables to their plugs-they are only crimped, and on such an expensive set! I'm not sure if the '525 uses the same system, but it could well be worth reseating the cable plugs (using De-Oxit as well) and soldering them. Try wiggling the plugs while the set is turned on.

I hope I haven't been "teaching you to suck eggs" again, I just want to help!I

Good luck,
Al Bolton, G4VSQ
http://www.reading-city.net/Vintage_Radios

----- Original Message -----
From: "valveman_6146" <valveman_6146@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, July 02, 2002 1:40 AM
Subject: [nrd-525-535] Re: Trouble with my NRD-525

> Hi Al and thank you for your reply.
> Yes the RF gain was fully clockwise. I don't blame you for asking
> that question since you do not know my background hi hi. I was
> hoping to get some devine inspiration from someone that had a
> similar problem before I tackle the job of fixing it without
> schematics.
> My background: Engineering Now working on my Meng.
>
> Looks like it will be a hunt and shoot job.
>
> Regards,
> Robert
>
>
>
>
> --- In nrd-525-535@y..., "Al Bolton" <aj.bolton@v...> wrote:
> > I don't have an NRD-525, but I do have an NRD-535. Have you
> checked that the
> > RF gain is fully rotated in the clockwise position??? If it has
> been turned

> > anti-clockwise fully, the set will behave much as you describe!
> >
> > Good luck,
> > Al Bolton, G4VSQ
> > http://www.reading-city.net/Vintage_Radios

174. Re: [nrd-525-535] Re: Trouble with my NRD-525

Yahoo group: nrd-525-535
Date: 2002-07-03 04:11:40 UTC
From: robert parker
Topic: 169 Message: 174

Thank you Chuck. I'll have a peek and perhaps solder
a few suspicious joints. Be nice to have some
extender boards. My try to make some.

regards,
Robert
VE3RPF

--- Charles Bolland <chuckb@...> wrote:
> Robert
>
> The AGC circuit is located on the CAE 182 board.
> RV5 is the ajustment
> for the AGC.
> There's three IC's, IC3, IC6, and IC9 which are the
> same components.
> One of them
> controls the AGC (amp). I don't know which one?
> Check all the solder
> connections.
> you might have a cold solder point. I have repaired
> my receiver by
> reheating the solder
> joints of components and the receiver has come back.
>
>
> At the bottom of the board, point 13 is AGC fast,
> point 12 is AGC, and
> point 21 is AGC off.
> Test Point 3 is the test point for the AGC.
>
> Hope the above helps you.
>
> Chuck
> KA4PRF
> chuckb@...
>
>
> valveman_6146 wrote:
>
> > Hi Al and thank you for your reply.
> > Yes the RF gain was fully clockwise. I don't
> blame you for asking
> > that question since you do not know my background
> hi hi. I was

> > hoping to get some devine inspiration from someone
> that had a
> > similar problem before I tackle the job of fixing
> it without
> > schematics.
> > My background: Engineering Now working on my
> Meng.
> >
> > Looks like it will be a hunt and shoot job.
> >
> > Regards,
> > Robert
> >
> >
> >
> >
> > --- In nrd-525-535@y..., "Al Bolton"
> <aj.bolton@v...> wrote:
> > > I don't have an NRD-525, but I do have an
> NRD-535. Have you
> > checked that the
> > > RF gain is fully rotated in the clockwise
> position??? If it has
> > been turned
> > > anti-clockwise fully, the set will behave much
> as you describe!
> > >
> > > Good luck,
> > > Al Bolton, G4VSQ
> > > http://www.reading-city.net/Vintage_Radios
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<http://rd.yahoo.com/M=213858.2174088.3620944.1829184/D=egroupweb/S=1705063108:HM/A=763352
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> >
> >
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>

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175. Re: [nrd-525-535] Re: Trouble with my NRD-525

Yahoo group: nrd-525-535
Date: 2002-07-03 04:13:27 UTC
From: robert parker
Topic: 169 Message: 175

I appreciate your input Al. Will try some of your
suggestions.

Regards,
Robert
VE3RPF

--- Al Bolton <aj.bolton@...> wrote:
> OK Robert, I'm sorry that it's not a simple fix. I
> believe these sets do
> have the odd problem with dry/cold solder joints, so
> it could well be worth
> reflowing some of the joints associated with the AGC
> circuit.
>
> BUT...I have had some similar
> problems to you with my NRD-515 which were cured by
> checking EVERY one of
> the board interconnecting cables and soldering the
> cables to their
> plugs-they are only crimped, and on such an
> expensive set! I'm not sure if
> the '525 uses the same system, but it could well be
> worth reseating the
> cable plugs (using De-Oxit as well) and soldering
> them. Try wiggling the
> plugs while the set is turned on.
>
> I hope I haven't been "teaching you to suck eggs"
> again, I just want to
> help!I
>
> Good luck,
> Al Bolton, G4VSQ
> http://www.reading-city.net/Vintage_Radios
>
> ----- Original Message -----
> From: "valveman_6146" <valveman_6146@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Tuesday, July 02, 2002 1:40 AM
> Subject: [nrd-525-535] Re: Trouble with my NRD-525
>
>
> > Hi Al and thank you for your reply.
> > Yes the RF gain was fully clockwise. I don't

> blame you for asking
> > that question since you do not know my background
> hi hi. I was
> > hoping to get some devine inspiration from someone
> that had a
> > similar problem before I tackle the job of fixing
> it without
> > schematics.
> > My background: Engineering Now working on my
> Meng.
> >
> > Looks like it will be a hunt and shoot job.
> >
> > Regards,
> > Robert
> >
> >
> >
> >
> > --- In nrd-525-535@y..., "Al Bolton"
> <aj.bolton@v...> wrote:
> > > I don't have an NRD-525, but I do have an
> NRD-535. Have you
> > checked that the
> > > RF gain is fully rotated in the clockwise
> position??? If it has
> > been turned
> > > anti-clockwise fully, the set will behave much
> as you describe!
> > >
> > > Good luck,
> > > Al Bolton, G4VSQ
> > > http://www.reading-city.net/Vintage_Radios
>
>
>

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176. What kind of antenna do you use with your 525/535

Yahoo group: nrd-525-535
Date: 2002-07-16 19:18:28 UTC
From: mail2michelnl
Topic: 176 Message: 176

Hay folks,

Since a half year now I own a 535 what I always wanted because it is (was?545) the best non commercial hf receiver. I'm still proud of it and I'm sure you to for your 525/535.

One question I have for you all is what antenna do you folks use on your receiver? As curious I am I wondering why you use that antenna in what circumstances.
For example: I use my 535 with 16 meters wire (stainless steel 0.7mm) on a RF Systems Magnetic long wire balun (MLB) in western Europe (Netherlands). Till now I didn't find a antenna with this length that can deliver more or better signal. Perhaps a T2FD (low noise antenna) is an option but I don't know a user that confirm the performance of this type.

In short: What kind of antenna do you use with your 525/535, why and in what circumstances.
I'm sure all users are curious about this.

177. Re: [nrd-525-535] What kind of antenna do you use with your 525/535

Yahoo group: nrd-525-535
Date: 2002-07-16 19:27:09 UTC
From: Bill Carney
Topic: 176 Message: 177

> One question I have for you all is what antenna do you folks use on
> your receiver? As curious I am I wondering why you use that antenna
> in what circumstances.

I use an Alpha Delta DX-SWL-S with my 545. I bought the 545 when I lived in a rented townhouse, knowing that eventually I would purchase a house where I could put up a proper antenna. The DX-SWL-S was short enough that I was able to run it in the attic of the townhouse without much trouble.

I now own my own home, and I still use the DX-SWL-S. It gives excellent performance.

I recently purchased a Yaesu FRT-7700 antenna tuner, and plan on running a longwire (100' plus) in the near future.

178. Re: [nrd-525-535] What kind of antenna do you use with your 525/535

Yahoo group: nrd-525-535
Date: 2002-07-16 21:18:27 UTC
From: GeorgeF.
Topic: 176 Message: 178

At 07:18 PM 7/16/2002 +0000, you wrote:
>Hay folks,
>
>Since a half year now I own a 535 what I always wanted because it is
>(was?545) the best non commercial hf receiver. I'm still proud of it
>and I'm sure you to for your 525/535.
>
>One question I have for you all is what antenna do you folks use on
>your receiver? As curious I am I wondering why you use that antenna
>in what circumstances.
>For example: I use my 535 with 16 meters wire (stainless steel 0.7mm)
>on a RF Systems Magnetic long wire balun (MLB) in western Europe
>(Netherlands). Till now I didn't find a antenna with this length that
>can deliver more or better signal. Perhaps a T2FD (low noise antenna)
>is an option but I don't know a user that confirm the performance of
>this type.
>
>In short: What kind of antenna do you use with your 525/535, why and
>in what circumstances.
>I'm sure all users are curious about this.

I run a Alpha Delta Sloper (60' version) on a 525 as well as a Kenwood R-5000. Does an excellent job. I've used wires before of various lengths and found that the Alpha Delta Sloper was by far the best when it came to reducing noise levels. Plus I have a 30' pole with my scanner beam on so I run the sloper from that pole to a tree accross the yard. Nicely built antenna which preforms very well.

You can see a picture of mine at http://www.MilAirComms.com/shack.html

George
http://www.MilAirComms.com

179. Antennas

Yahoo group: nrd-525-535
Date: 2002-07-17 10:50:44 UTC
From: Charles
Topic: 179 Message: 179

Hello,

I didn't catch your name?

I use a longwire (500 feet) for the lower frequecies below 10 MHz. For the higher frequencies
I use the DATONG Active antenna with an MFJ antenna tuner. I have found that
this antenna can be tuned better for higher (11 to 25MHz) frequencies.

I just moved to the country and have 4 acres of land to run wire. I am learning that this (a lot of wire) may not be the answer to good reception. I once had an invert V antenna cut for
90 meters and it was the best antenna I have ever had. I plan to put another up one of these
days as soon as my back feels better from all of the lefting I did when moving.

Chuck
KA4PRF
Clewiston Florida, USA
ka4prf@... <mailto:ka4prf@...>

180. Service manual NRD 535

Yahoo group: nrd-525-535
Date: 2002-07-19 19:12:39 UTC
From: keesvanengelen
Topic: 180 Message: 180

Hi all!

Does anyone have a service manual for
the NRD 535 (D) ?

Let me know please.....

73

Kees

181. Re: [nrd-525-535] Service manual NRD 535

Yahoo group: nrd-525-535
Date: 2002-07-19 23:20:00 UTC
From: bob mozeleski
Topic: 180 Message: 181

Did you look in the files section of the group? I know
there was owners manuals but i also thought a service
manual or 2 was there. I have the 525 service but not
for the 535.

--- keesvanengelen <kees@...> wrote:
> Hi all!
>
> Does anyone have a service manual for
> the NRD 535 (D) ?
>
> Let me know please.....
>
> 73
>
> Kees
>
>
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>
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182. What are these filters?

Yahoo group: nrd-525-535
Date: 2002-07-20 06:42:58 UTC
From: keesvanengelen
Topic: 182 Message: 182

Hi there!

I have these two IF filters in the NRD 535:

YF455FM and YF455DE.
I don't know these codes; i know the CFL-233 231 etc.

Anyone who can help me??

Thanks

Kees

183. RE: [nrd-525-535] What are these filters?

Yahoo group: nrd-525-535
Date: 2002-07-20 12:16:27 UTC
From: Chuck Yarbrough
Topic: 182 Message: 183

Hi Kees-- According to the options section of the owners guide, the filter designations are as follows:

CFL-231 (YF455FM) is 300Hz
CFL-232 (YF455DQ) is 500Hz
CFL-233 (YF455DE) is 1kHz
CFL-218 (YF455EBF) is 1.8kHz

Your filters are 300Hz and 1kHz (standard stock in the 535D). The filters are the same for the 525 and the 535 and the CF-218 can also be used in the 515.

Hope this helps.

Chuck
-----Original Message-----
From: keesvanengelen [mailto:kees@...]
Sent: Saturday, July 20, 2002 02:43
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] What are these filters?

Hi there!

I have these two IF filters in the NRD 535:

YF455FM and YF455DE.
I don't know these codes; i know the CFL-233 231 etc.

Anyone who can help me??

Thanks

Kees

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184. Re: [nrd-525-535] Digest Number 81

Yahoo group: nrd-525-535
Date: 2002-07-21 12:47:55 UTC
From: Rita en Kees (ZON)
Topic: 184 Message: 184

Hi Chuck,
Thanks for the info!! Very good.
Well I looked at the manual but only that I could find if the CFL-coding.

Thanks again!

Kees

> Date: Sat, 20 Jul 2002 08:16:27 -0400
> From: "Chuck Yarbrough" <wampus@...>
>Subject: RE: What are these filters?
>
>Hi Kees-- According to the options section of the owners guide, the filter
>designations are as follows:
>
>CFL-231 (YF455FM) is 300Hz
>CFL-232 (YF455DQ) is 500Hz
>CFL-233 (YF455DE) is 1kHz
>CFL-218 (YF455EBF) is 1.8kHz
>
>Your filters are 300Hz and 1kHz (standard stock in the 535D). The filters
>are the same for the 525 and the 535 and the CF-218 can also be used in the
>515.
>
>Hope this helps.
>
>Chuck
> -----Original Message-----
> From: keesvanengelen [mailto:kees@...]
> Sent: Saturday, July 20, 2002 02:43
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] What are these filters?
>
>
> Hi there!
>
> I have these two IF filters in the NRD 535:
>
> YF455FM and YF455DE.
> I don't know these codes; i know the CFL-233 231 etc.
>
> Anyone who can help me??
>
>
> Thanks
>

> Kees
>
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185. FS: JRC NRD-525

Yahoo group: nrd-525-535
Date: 2002-07-21 15:06:04 UTC
From: paul_cady
Topic: 185 Message: 185

I am forced to sell my beloved 525 and thought I would offer it to this group before posting on eBay. Excellent condition except for a couple of minor scratches on the top. I'll have pictures of it up on my website later today. Has the UHF/VHF converter and a Collins 3.8khz filter in the Narrow position. $500 + shipping.

Contact me at pcady42@... if interested.

186. New to list, 525 problems..

Yahoo group: nrd-525-535
Date: 2002-08-04 08:04:20 UTC
From: sierra53usa
Topic: 186 Message: 186

Hi everybody, I have emailed some of you over the years using various addresses, and some of you I don't know, but to all of you 525 and 535 users, greetings!

Now for my 525's annoying problem..
My 525, one of the last ones made, works fine, but parts of the display indicators that AREN'T used often, like the CW one, are very dim. This is occurring in the display, too. The radio sits a lot of the time on 11175 USB, and all the segments making up those numbers are ok, it's the unlit ones that are very dim. If I light up the dim segments or indicators, the dim sigments get brighter, and eventually back it being as bright as the other, commonly used segments. It takes several hours to brighten up all the way.

I talked to Universal about this a couple of years ago, and they tried to sell me a whole new display, and I said no, hell no! I don't think this is a display problem, since it eventually does get to looking ok, but after I begin using the 525 in my usual way, the unused segments and indicators are quickly dimmed down again

Has anyone run into this problem?? Is it caps or something else? My old 525 that has passed through several friends of mine was one of the first bunch imported, and it does it too, but not nearly as bad as mine does.

187. Re: External Speaker??

Yahoo group: nrd-525-535
Date: 2002-08-04 09:59:38 UTC
From: sierra53usa
Topic: 81 Message: 187

Hi Greg,

How did you tolerate the horrible built in speaker for so long??

I use an old Radio Shack cast aluminum "minimus" speaker on my 525, and have it set up so I can switch between it, and an old 6" speaker I found in my basement after we bought our house. I found the model listed in an old catalog, and it's about 50 years old. For voice it's better than anything else I have tried on my 525, and I've tried a lot of different speakers on it over the years. I run one of the line outs into a surround sound amp that I had laying around. It sounds very good through this setup.

I had one of the first 525's and now have one of the last. They sounded totally different. The first one had BAD AM audio, and had a lot of his, the second one was much less "clicky" on AM, and had almost no hiss at all. After the (I think it was) the IF AMP board was replaced, the hiss was only a tiny bit more than my newer 525, and it sounded much better in AM. Another bonus, the S-Meter was much less "spastic" than it was originally. There seems to be three different "versions" of 525s, the original with bad audio and hiss, a second with better audio and less hiss, then a third with even better audio and almost no hiss at all.

--- In nrd-525-535@y..., "wigglieboy" <wigglieboy@h...> wrote:
> Hi,
>
> Just wondering what or if others are using for an external speaker
> with there 525's. I've been using the built in one for about a
year
> and am getting tired of the crappy audio. Any suggestions or
comments
> would be greatly appreciated!!
>
> Thanks
> Greg
>
> wigglieboy@h...

188. Re: External Speaker??

Yahoo group: nrd-525-535
Date: 2002-08-06 08:18:27 UTC
From: adibene
Topic: 81 Message: 188

--- In nrd-525-535@y..., "sierra53usa" <bdk1@b...> wrote:

> There seems to be three
> different "versions" of 525s, the original with bad audio and hiss,
a
> second with better audio and less hiss, then a third with even
better
> audio and almost no hiss at all.
>

Do you perhaps know the approximate serial numbers when the
switch between versions did happen ? I have a 525 which looks
as new (I bought it second-hand a few months ago), but maybe it
has a bit too much hiss. I would like to know if there is a chance
to better it. Thanks.

Alberto, I2PHD

189. Re: External Speaker??

Yahoo group: nrd-525-535
Date: 2002-08-08 04:29:07 UTC
From: sierra53usa
Topic: 81 Message: 189

Hi Alberto,

Sorry, I really have no idea. There was a huge difference between the first ones (the original firmware that had only one slow tuning speed) imported and the last ones, the AGC is much smoother (no clicking on AM, the S-Meter calms down a lot, and of course, the hiss is almost gone. The "middle" version may, or may not exist, I'm guessing there is one, since they seem to get progressively better as they made them. I had my old 525 for a couple of years and have used it several times while adding filters and repairing the keypad switches, and after the Loop2 or IF amp board (Can't remember which one it was anymore) was replaced in the older one, it became very difficult to tell them apart. The S-Meter calming down seems to be a tell tale sign of a later 525.

Unless you find a later parts radio, and can get the cards out and swap them, I don't know how to improve it, unless maybe someone here has mods for it. A simple high cut filter (easy to find a schematic on the web) can make the hiss go away, another easy thing to do is turn the (external) speaker sideways or even completely away from you, it makes a lot of the hiss disapear.

Sierra

--- In nrd-525-535@y..., "adibene" <dibene@u...> wrote:
> --- In nrd-525-535@y..., "sierra53usa" <bdk1@b...> wrote:
>
> > There seems to be three
> > different "versions" of 525s, the original with bad audio and
hiss,
> a
> > second with better audio and less hiss, then a third with even
> better
> > audio and almost no hiss at all.
> >
>
> Do you perhaps know the approximate serial numbers when the
> switch between versions did happen ? I have a 525 which looks
> as new (I bought it second-hand a few months ago), but maybe it
> has a bit too much hiss. I would like to know if there is a chance
> to better it. Thanks.
>
> Alberto, I2PHD

190. NRD-535 torque and the rubber band?

Yahoo group: nrd-525-535
Date: 2002-08-11 16:40:46 UTC
From: keesvanengelen
Topic: 190 Message: 190

Hi all,

Can someone help me with these:

- The rubber band around the main tuning dial: how can that be secured when it's too big? I mean: when you take it off to clean you can put it back, but it looks too loose/ Further no complaint...

- Main tunig dial: how can you set/adjust the tension/torque/friction??

Thanks a lot for your time

Kees

191. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2002-08-12 06:52:52 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 191

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Fnrd525.exe
Uploaded by : jmgirard2001 <cjgirard@...>
Description : NRD525 WINDOWS MANAGER

You can access this file at the URL

http://groups.yahoo.com/group/nrd-525-535/files/Fnrd525.exe

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jmgirard2001 <cjgirard@...>

192. WTB: NVA-319

Yahoo group: nrd-525-535
Date: 2002-08-12 16:15:52 UTC
From: John Miller
Topic: 192 Message: 192

Please state condition and price.

73

John Miller
Boise, IdahoGet more from the Web. FREE MSN Explorer download : http://explorer.msn.com

193. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2002-08-14 07:10:19 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 193

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Fnrd525.exe
Uploaded by : jmgirard2001 <cjgirard@...>
Description : NRD525 WINDOWS MANAGER

You can access this file at the URL

http://groups.yahoo.com/group/nrd-525-535/files/Fnrd525.exe

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jmgirard2001 <cjgirard@...>

194. Re: What kind of antenna do you use with your 525/535

Yahoo group: nrd-525-535
Date: 2002-08-16 02:55:36 UTC
From: w9lbb
Topic: 176 Message: 194

Hello.

My antenna farm consists of

-two T2FDs. One is about 90 metres long (low frequency cutoff of about 1200 KHz), and the other is about 25 metres long (about a 6000 KHz low frequency cutoff).

-an end fed long wire, aprox. 120 metres long, for AM BCB and long wave.

-an active whip (3 metres long) for long wave. This is a modified LORAN receiving antenna meant for marine use.

-a homebrewed indoor loop for AM BCB and long wave.

The T2FD design serves as a good omnidirectional receiving antenna with good impedance matching to the coax over a frequency range of about 5:1, thus the long one does the job from 1200 to 6000 KHz. The shorter one covers the range of 6000 to 30000 KHz quite well indeed.

The long wire, tho low in terms of a wavelength at the broadcast band (about 10 metres high), does a very good job for AM DXing.

The active whip, while somewhat noisy, often does a better job on long wave than the long wire does, especially during the winter months. It does especially well on the NAVTEX data transmissions on 518 KHz.

For BCB DXing, the directional characteristics of a loop are VERY useful. Since the loop uses an amplifier, it usually gives signal strengths that are about the same as the long wire.

Tom, W9LBB
Sun Prairie, Wisconsin

--- In nrd-525-535@y..., "mail2michelnl" <mail2michelnl@y...> wrote:
> Hay folks,
>
> Since a half year now I own a 535 what I always wanted because it is
> (was?545) the best non commercial hf receiver. I'm still proud of it
> and I'm sure you to for your 525/535.
>
> One question I have for you all is what antenna do you folks use on
> your receiver? As curious I am I wondering why you use that

antenna
> in what circumstances.
> For example: I use my 535 with 16 meters wire (stainless steel
0.7mm)
> on a RF Systems Magnetic long wire balun (MLB) in western Europe
> (Netherlands). Till now I didn't find a antenna with this length
that
> can deliver more or better signal. Perhaps a T2FD (low noise
antenna)
> is an option but I don't know a user that confirm the performance
of
> this type.
>
> In short: What kind of antenna do you use with your 525/535, why
and
> in what circumstances.
> I'm sure all users are curious about this.

195. Re: What kind of antenna do you use with your 525/535

Yahoo group: nrd-525-535
Date: 2002-08-16 09:40:37 UTC
From: jmgirard2001
Topic: 176 Message: 195

Happy man you are ... ?
with a so large space to have such long antennas.

Jean
FRANCE

--- In nrd-525-535@y..., "w9lbb" <103360.2133@c...> wrote:
> Hello.
>
> My antenna farm consists of
>
> -two T2FDs. One is about 90 metres long (low frequency cutoff of
> about 1200 KHz), and the other is about 25 metres long (about a
6000
> KHz low frequency cutoff).
>
> -an end fed long wire, aprox. 120 metres long, for AM BCB and long
> wave.
>
> -an active whip (3 metres long) for long wave. This is a modified
> LORAN receiving antenna meant for marine use.
>
> -a homebrewed indoor loop for AM BCB and long wave.
>
>
> The T2FD design serves as a good omnidirectional receiving antenna
> with good impedance matching to the coax over a frequency range of
> about 5:1, thus the long one does the job from 1200 to 6000 KHz.
The
> shorter one covers the range of 6000 to 30000 KHz quite well
indeed.
>
> The long wire, tho low in terms of a wavelength at the broadcast
> band (about 10 metres high), does a very good job for AM DXing.
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> The active whip, while somewhat noisy, often does a better job on
> long wave than the long wire does, especially during the winter
> months. It does especially well on the NAVTEX data transmissions on
> 518 KHz.
>
> For BCB DXing, the directional characteristics of a loop are VERY
> useful. Since the loop uses an amplifier, it usually gives signal
> strengths that are about the same as the long wire.
>
>

> Tom, W9LBB
> Sun Prairie, Wisconsin
>
>
>
>
> --- In nrd-525-535@y..., "mail2michelnl" <mail2michelnl@y...> wrote:
> > Hay folks,
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> > (was?545) the best non commercial hf receiver. I'm still proud of
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> > and I'm sure you to for your 525/535.
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> > One question I have for you all is what antenna do you folks use
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> > your receiver? As curious I am I wondering why you use that
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> > in what circumstances.
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> > can deliver more or better signal. Perhaps a T2FD (low noise
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> > is an option but I don't know a user that confirm the performance
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> > this type.
> >
> > In short: What kind of antenna do you use with your 525/535, why
> and
> > in what circumstances.
> > I'm sure all users are curious about this.

196. Re: What kind of antenna do you use with your 525/535

Yahoo group: nrd-525-535
Date: 2002-08-17 01:43:45 UTC
From: w9lbb
Topic: 176 Message: 196

Hello Jean.

Indeed I AM a happy man re. antennas. When selecting the house to buy, a main consideration on this one was the fact that it has over an acre of land. After WAY too many years of trying to run a ham station in apartments, college dormatories, etc. I decided that room for antennas was a MUST!

Besides, it all works out. My Lady loves to do dog training, and her training area is under my antenna farm! <<smile>>

BTW... didn't to mention re. antennas...

--a steerable 2.3 metre dish (ex- broadcast station use) for microwave experimentation.

--an untuned LF / VLF loop, 3 metres on a side, 50 turns (under construction now).

73's,

Tom, W9LBB

--- In nrd-525-535@y..., "jmgirard2001" <cjgirard@c...> wrote:
> Happy man you are ... ?
> with a so large space to have such long antennas.
>
> Jean
> FRANCE
>
> --- In nrd-525-535@y..., "w9lbb" <103360.2133@c...> wrote:
> > Hello.
> >
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> > wave.
> >
> > -an active whip (3 metres long) for long wave. This is a
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> > LORAN receiving antenna meant for marine use.

> >
> > -a homebrewed indoor loop for AM BCB and long wave.
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> >
> > The T2FD design serves as a good omnidirectional receiving
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> > with good impedance matching to the coax over a frequency range
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> > The active whip, while somewhat noisy, often does a better job
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> > long wave than the long wire does, especially during the winter
> > months. It does especially well on the NAVTEX data transmissions
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> > 518 KHz.
> >
> > For BCB DXing, the directional characteristics of a loop are
VERY
> > useful. Since the loop uses an amplifier, it usually gives
signal
> > strengths that are about the same as the long wire.
> >
> >
> > Tom, W9LBB
> > Sun Prairie, Wisconsin
> >
> >
> >
> >
> > --- In nrd-525-535@y..., "mail2michelnl" <mail2michelnl@y...>
wrote:
> > > Hay folks,
> > >
> > > Since a half year now I own a 535 what I always wanted
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> it
> > is
> > > (was?545) the best non commercial hf receiver. I'm still proud
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> > it
> > > and I'm sure you to for your 525/535.
> > >
> > > One question I have for you all is what antenna do you folks

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> > > your receiver? As curious I am I wondering why you use that
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> > > in what circumstances.
> > > For example: I use my 535 with 16 meters wire (stainless steel
> > 0.7mm)
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> > > (Netherlands). Till now I didn't find a antenna with this
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> > that
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> > antenna)
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performance
> > of
> > > this type.
> > >
> > > In short: What kind of antenna do you use with your 525/535,
why
> > and
> > > in what circumstances.
> > > I'm sure all users are curious about this.

197. WTB: JRC NVA-319

Yahoo group: nrd-525-535
Date: 2002-08-19 15:13:57 UTC
From: ak7dx
Topic: 197 Message: 197

Please advise on condition and price.

73

John

198. NRD525 VHF/UHF Convertor

Yahoo group: nrd-525-535
Date: 2002-08-28 23:02:58 UTC
From: adola23
Topic: 198 Message: 198

Hi folks,
I'm a new list member from Scotland UK.
I would like to get a VHF/UHF converter for an NRD525, can anyone suggest where I might find one of these, and can anyone tell me anything about them?
Best Regards,
John.

199. NRD525 VHF/UHF converter

Yahoo group: nrd-525-535
Date: 2002-08-29 05:40:05 UTC
From: pa0jme2002
Topic: 199 Message: 199

Hello,

I bought a NRD525 2 weeks ago. It run's OK. Now I am looking for VHF/UHF converter option. Can anyone supply the circuit-diagrams of the CHE-85 converter and CGA118 LO unit and necessary mods required on the NRD525 for installation. It seems that both units went out of production, so maybe I could homebrew something alike.

Regards,

Rien Eradus
pa0jme@...
The Netherlands

200. Re: [nrd-525-535] NRD525 VHF/UHF converter

Yahoo group: nrd-525-535
Date: 2002-08-29 12:04:24 UTC
From: robert parker
Topic: 199 Message: 200

Your better off to make an out of board converter.
The VHF/UHF card is very complex since it interfaces
with the rest of the NRD525 system. This means
scoping and finding all the critical timings. Believe
me this is not fun! Even if you could make one you
would have to spend allot of money just in parts.
Better to build a outside converter to and use the
receiver as an IF.

Cheers,
Robert
VE3RPF

--- pa0jme2002 <pa0jme@...> wrote:
> Hello,
>
> I bought a NRD525 2 weeks ago. It run's OK. Now I am
> looking for
> VHF/UHF converter option. Can anyone supply the
> circuit-diagrams of
> the CHE-85 converter and CGA118 LO unit and
> necessary mods required
> on the NRD525 for installation. It seems that both
> units went out of
> production, so maybe I could homebrew something
> alike.
>
> Regards,
>
> Rien Eradus
> pa0jme@...
> The Netherlands
>
>
>
>

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201. Re: [nrd-525-535] Re: What kind of antenna do you use with your 525/535

Yahoo group: nrd-525-535
Date: 2002-08-31 20:01:30 UTC
From: Jean Maurice GIRARD
Topic: 176 Message: 201

Many thanks for your friendly explanations Tom !

You leave in a large country ... it's suitable for large antennas.

Although my garden is not so large than your's in Sun Prairie, I have a mast
at the top of the roof of my house.
And here, in the south of french Britanny, roofs inclinations are very deep,
so the top of my antennas is clear and high.

I have a long wire antenna with balun about 20 meters long starting top of
the mast to the end of the garden.
Full access to the top of the mast via my attic. Very nice for antennas
experimentations.
I have also some whip antennas and a motorized dish antenna with polar mount
on the mast, but only for receiving TV Broadcast KU band, Clark Belt.

Best regards Tom.

Jean
ORVAULT
FRANCE

----- Original Message -----
From: "w9lbb" <103360.2133@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, August 17, 2002 3:43 AM
Subject: [nrd-525-535] Re: What kind of antenna do you use with your 525/535

> Hello Jean.
>
> Indeed I AM a happy man re. antennas. When selecting the house to
> buy, a main consideration on this one was the fact that it has over
> an acre of land. After WAY too many years of trying to run a ham
> station in apartments, college dormatories, etc. I decided that room
> for antennas was a MUST!
>
> Besides, it all works out. My Lady loves to do dog training, and her
> training area is under my antenna farm! <<smile>>
>
> BTW... didn't to mention re. antennas...
>
> --a steerable 2.3 metre dish (ex- broadcast station use) for
> microwave experimentation.
>
> --an untuned LF / VLF loop, 3 metres on a side, 50 turns (under
> construction now).
>

>
> 73's,
>
>
> Tom, W9LBB
>
>
>
>
>
> --- In nrd-525-535@y..., "jmgirard2001" <cjgirard@c...> wrote:
> > Happy man you are ... ?
> > with a so large space to have such long antennas.
> >
> > Jean
> > FRANCE
> >
> > --- In nrd-525-535@y..., "w9lbb" <103360.2133@c...> wrote:
> > > Hello.
> > >
> > > My antenna farm consists of
> > >
> > > -two T2FDs. One is about 90 metres long (low frequency cutoff of
> > > about 1200 KHz), and the other is about 25 metres long (about a
> > 6000
> > > KHz low frequency cutoff).
> > >
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> long
> > > wave.
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> > > -an active whip (3 metres long) for long wave. This is a
> modified
> > > LORAN receiving antenna meant for marine use.
> > >
> > > -a homebrewed indoor loop for AM BCB and long wave.
> > >
> > >
> > > The T2FD design serves as a good omnidirectional receiving
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> > > about 5:1, thus the long one does the job from 1200 to 6000 KHz.
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> > > shorter one covers the range of 6000 to 30000 KHz quite well
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> > > months. It does especially well on the NAVTEX data transmissions
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> > > For BCB DXing, the directional characteristics of a loop are
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> > > useful. Since the loop uses an amplifier, it usually gives
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> > >
> > >
> > > Tom, W9LBB
> > > Sun Prairie, Wisconsin
> > >
> > >
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> > >
> > > --- In nrd-525-535@y..., "mail2michelnl" <mail2michelnl@y...>
> wrote:
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> > > >
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> > > > in what circumstances.
> > > > For example: I use my 535 with 16 meters wire (stainless steel
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> > > > In short: What kind of antenna do you use with your 525/535,
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>
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>
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>

202. Re: What kind of antenna do you use with your 525/535

Yahoo group: nrd-525-535
Date: 2002-08-31 20:52:30 UTC
From: jmgirard2001
Topic: 176 Message: 202

Many thanks for your friendly explanations Tom !

You leave in a large country ... it's suitable for large antennas.

Although my garden is not so large than your's in Sun Prairie, I have
a mast
at the top of the roof of my house.
And here, in the south of french Britanny, roofs inclinations are
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so the top of my antennas is clear and high.

I have a long wire antenna with balun about 20 meters long starting
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Full access to the top of the mast via my attic. Very nice for
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Best regards Tom.

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> BTW... didn't to mention re. antennas...
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> > > and
> > > > > in what circumstances.
> > > > > I'm sure all users are curious about this.

203. Memory Battery issue 525 Help

Yahoo group: nrd-525-535
Date: 2002-09-09 13:33:26 UTC
From: ak7dx
Topic: 203 Message: 203

I just recently changed my memory battery in my 525. Now I have the two fault LEDs lit on the board.

I suspect I shorted something? Even Though I took ASP precautions with a grounded wrist band.

Battery is in correct.

Is there a batery holder than can be installed?

73

John Miller
Boise, Idaho

204. Re: [nrd-525-535] Memory Battery issue 525 Help

Yahoo group: nrd-525-535
Date: 2002-09-09 17:39:20 UTC
From: John Miller
Topic: 203 Message: 204

Problem solved....

JM

----- Original Message -----
From: ak7dx
Sent: Monday, September 09, 2002 9:22 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Memory Battery issue 525 Help

I just recently changed my memory battery in my 525. Now I have the
two fault LEDs lit on the board.

I suspect I shorted something? Even Though I took ASP precautions
with a grounded wrist band.

Battery is in correct.

Is there a batery holder than can be installed?

73

John Miller
Boise, Idaho

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205. RE: [nrd-525-535] Memory Battery issue 525 Help

Yahoo group: nrd-525-535
Date: 2002-09-10 00:58:34 UTC
From: Chuck Yarbrough
Topic: 203 Message: 205

Ok..I give...What was the problem and how did you resolve it?

73s,

Chuck
-----Original Message-----
From: John Miller [mailto:bfdp1@...]
Sent: Monday, September 09, 2002 13:39
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Memory Battery issue 525 Help

Problem solved....

JM

----- Original Message -----
From: ak7dx
Sent: Monday, September 09, 2002 9:22 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Memory Battery issue 525 Help

I just recently changed my memory battery in my 525. Now I have the
two fault LEDs lit on the board.

I suspect I shorted something? Even Though I took ASP precautions
with a grounded wrist band.

Battery is in correct.

Is there a batery holder than can be installed?

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John Miller
Boise, Idaho

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206. NRD-525 problems

Yahoo group: nrd-525-535
Date: 2002-10-02 21:48:54 UTC
From: ballynafie
Topic: 206 Message: 206

I have just bought a old NRD-525 receiver with problems and am hoping to sort them out. Perhaps some of the members in the group could help me out. The tuning knob does not increment the display although it seems to be to be sending the pulses to IC6 on the front display board. Other problems are to do with reception on USB and LSB but I will try to sort them out later. Anybody with any thoughts?

Ian

207. Re: [nrd-525-535] NRD-525 problems

Yahoo group: nrd-525-535
Date: 2002-10-02 22:40:06 UTC
From: robert parker
Topic: 206 Message: 207

Hi;
You may be getting pulses but is the master clock running?
Check all clock generators to verify they are running. A failed clock will bring things to a standstill.
Have you tried to reseat all the boards? If not do this first.
Regards,
Robert VE3RPF

ballynafie <ballynafie@...> wrote: I have just bought a old NRD-525 receiver with problems and am hoping
to sort them out. Perhaps some of the members in the group could help
me out. The tuning knob does not increment the display although it
seems to be to be sending the pulses to IC6 on the front display
board. Other problems are to do with reception on USB and LSB but I
will try to sort them out later. Anybody with any thoughts?

Ian

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var lrec_target="_top";var lrec_URL = new Array();lrec_URL[1]="http://rd.yahoo.com/M=233351.2428261.3848243.2225242/D=egroupweb/S=1705063108:HM/A=1234046/R=0/id=flashurl/*http://www.gotomypc.com/u/tr/yh/grp/300_textF/g22lp?Target=mm/g22lp.tmpl";var lrec_flashfile="http://us.a1.yimg.com/us.yimg.com/a/1-/flash/expert_city/090302_lrec_text.swf";var lrec_altURL="http://rd.yahoo.com/M=233351.2428261.3848243.2225242/D=egroupweb/S=1705063108:HM/A=1234046/R=1/id=altimgurl/*http://www.gotomypc.com/u/tr/yh/grp/300_textF/g22lp?Target=mm/g22lp.tmpl";var lrec_altimg="http://us.a1.yimg.com/us.yimg.com/a/1-/flash/expert_city/090302_lrec_text.gif";var lrec_width=300;var lrec_height=250;on error resume nextSub banner_click_lrec_FSCommand(ByVal command, ByVal args)call banner_click_lrec_DoFSCommand(command, args)end sub

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208. Re: [nrd-525-535] NRD-525 problems

Yahoo group: nrd-525-535
Date: 2002-10-02 22:45:17 UTC
From: Bob Parnass, AJ9S
Topic: 206 Message: 208

I no longer have an NRD-525 schematic.

First, make sure the Dial Lock is off.

I don't know the inner details of the 525's main tuning
shaft encoder, however I have repaired a defective encoder
in an HP spectrum analyzer. After carefully opening the encoder,
I found the small wire lead of the bulb had broken so I soldered it.
Perhaps the 525's encoder uses an LED inside.

Good luck.

On Wednesday 02 October 2002 04:48 pm, ballynafie wrote:
> I have just bought a old NRD-525 receiver with problems and am hoping
> to sort them out. Perhaps some of the members in the group could help
> me out. The tuning knob does not increment the display although it
> seems to be to be sending the pulses to IC6 on the front display
> board. Other problems are to do with reception on USB and LSB but I
> will try to sort them out later. Anybody with any thoughts?
>
> Ian
>
>
>
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==
Bob Parnass, AJ9S Linux User http://parnass.com

209. Re: [nrd-525-535] NRD-525 problems

Yahoo group: nrd-525-535
Date: 2002-10-02 23:37:04 UTC
From: robert parker
Topic: 206 Message: 209

I thought there was a download of the schematic in the files section! You may want to have a look for a schematic there.
Cheers,
Robert.
"Bob Parnass, AJ9S" <yahoo@...> wrote: I no longer have an NRD-525 schematic.

First, make sure the Dial Lock is off.

I don't know the inner details of the 525's main tuning
shaft encoder, however I have repaired a defective encoder
in an HP spectrum analyzer. After carefully opening the encoder,
I found the small wire lead of the bulb had broken so I soldered it.
Perhaps the 525's encoder uses an LED inside.

Good luck.

On Wednesday 02 October 2002 04:48 pm, ballynafie wrote:
> I have just bought a old NRD-525 receiver with problems and am hoping
> to sort them out. Perhaps some of the members in the group could help
> me out. The tuning knob does not increment the display although it
> seems to be to be sending the pulses to IC6 on the front display
> board. Other problems are to do with reception on USB and LSB but I
> will try to sort them out later. Anybody with any thoughts?
>
> Ian
>
>
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--
===
Bob Parnass, AJ9S Linux User http://parnass.com

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210. Looking for replacement filters for NRD525

Yahoo group: nrd-525-535
Date: 2002-10-06 14:19:55 UTC
From: C. van Ravenswaaij
Topic: 210 Message: 210

Hi all,

I am trying to improve the performance on my NRD525. One of the tricks is to replace FL1 and FL2.
Therefore I am looking for a supply source (Europe or US) of the Eskab 8 pole crystal filter (10-12 kHz @ 6dB) and the CFX455I filter (4,5 kHz @ 6dB).
Can you help me?

Regards,

Cornel

211. Re: Looking for replacement filters for NRD525

Yahoo group: nrd-525-535
Date: 2002-10-06 14:41:17 UTC
From: bjarnemjelde
Topic: 210 Message: 211

I seriously doubt that replacing the stock filters will help.
Compared to other receivers I have, these filters perform admirably,
however the 525 suffers from the lack of a filter choice in the 3.5
kHz range. I have a CLF-D2K ceramic filter originally purchased
from Kiwa Electronics in mine, it has become the filter of choice in
most demanding situations. With a shape factor of 1.6 it combines
good fidelity with sharp selectivity. Alas, the filter has long been
discontinued at Kiwa, and I don't know where, or indeed if, the
filter is available.

Regards,
Bjarne Mjelde
Berlevag, Norway

--- In nrd-525-535@y..., "C. van Ravenswaaij" <cortec@w...> wrote:
> Hi all,
>
> I am trying to improve the performance on my NRD525. One of the
tricks is
> to replace FL1 and FL2.
> Therefore I am looking for a supply source (Europe or US) of the
Eskab 8
> pole crystal filter (10-12 kHz @ 6dB) and the CFX455I filter
> (4,5 kHz @ 6dB).
> Can you help me?
>
> Regards,
>
> Cornel

212. Re: [nrd-525-535] Re: Looking for replacement filters for NRD525

Yahoo group: nrd-525-535
Date: 2002-10-06 14:59:04 UTC
From: C. van Ravenswaaij
Topic: 210 Message: 212

Bjarne,

Thanks for your reply. The filters I mentioned are ahead of the 455 kHz bandwidth filters. Improving the FL1 and FL2 will give a better ultimate rejection. KIWA is offering a replacement, but I was hoping to find an European supplier.

Regards,

Cornel
At 6-10-2002 16:41, you wrote:
>I seriously doubt that replacing the stock filters will help.
>Compared to other receivers I have, these filters perform admirably,
>however the 525 suffers from the lack of a filter choice in the 3.5
>kHz range. I have a CLF-D2K ceramic filter originally purchased
>from Kiwa Electronics in mine, it has become the filter of choice in
>most demanding situations. With a shape factor of 1.6 it combines
>good fidelity with sharp selectivity. Alas, the filter has long been
>discontinued at Kiwa, and I don't know where, or indeed if, the
>filter is available.
>
>Regards,
>Bjarne Mjelde
>Berlevag, Norway
>
>---

213. Re: [nrd-525-535] Looking for replacement filters for NRD525

Yahoo group: nrd-525-535
Date: 2002-10-06 16:37:33 UTC
From: robert parker
Topic: 210 Message: 213

Hi Cornel;
How about an external DSP filter?
I have used an MFJ-784B DSP filter on my 525 and it makes a dramatic improvement.
It also has auto notch capability to remove hetrodynes or any constant interference source.
Lots of user controls as well as user program settings.
It even has an adaptive noise filter that drops noise level considerably.
You can get a used one for less than the cost of buying filters for the 525 plus this will perform much better than filters can.
I have one in the box I may sell. This one is the second one I own and has seen little use.
Regards,
Robert

"C. van Ravenswaaij" <cortec@...> wrote: Hi all,

I am trying to improve the performance on my NRD525. One of the tricks is
to replace FL1 and FL2.
Therefore I am looking for a supply source (Europe or US) of the Eskab 8
pole crystal filter (10-12 kHz @ 6dB) and the CFX455I filter
(4,5 kHz @ 6dB).
Can you help me?

Regards,

Cornel

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214. Re: [nrd-525-535] Looking for replacement filters for NRD525

Yahoo group: nrd-525-535
Date: 2002-10-06 17:13:18 UTC
From: C. van Ravenswaaij
Topic: 210 Message: 214
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Robert,

Thanks for the reply. As a proud owner of a MFJ-748B myself, I know what you mean by dramatic improvement. It sure is a very good device.
I'm just trying to make all the pieces of the receiving chain as good as possible. Changing my longwire with MLB for a homemade T2FD was a good step, using the 748 was a second. Still trying to improve further, so the change of filters is the next step.

Regards,

Cornel
At 6-10-2002 18:37, you wrote:

>Hi Cornel;
>
>How about an external DSP filter?
>
>I have used an MFJ-784B DSP filter on my 525 and it makes a dramatic
>improvement.
>
>It also has auto notch capability to remove hetrodynes or any constant
>interference source.
>
>Lots of user controls as well as user program settings.
>
>It even has an adaptive noise filter that drops noise level considerably.
>
>You can get a used one for less than the cost of buying filters for the
>525 plus this will perform much better than filters can.
>
>I have one in the box I may sell. This one is the second one I own and
>has seen little use.
>
>Regards,
>
>Robert
>
>
>
>
>
> "C. van Ravenswaaij" <cortec@...> wrote:
>Hi all,
>

>I am trying to improve the performance on my NRD525. One of the tricks is
>to replace FL1 and FL2.
>Therefore I am looking for a supply source (Europe or US) of the Eskab 8
>pole crystal filter (10-12 kHz @ 6dB) and the CFX455I filter
>(4,5 kHz @ 6dB).
>Can you help me?
>
>Regards,
>
>Cornel
>
>
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215. NRD-525

Yahoo group: nrd-525-535
Date: 2002-10-13 21:07:11 UTC
From: ballynafie
Topic: 215 Message: 215

I bought this NRD-525 as a repair project and have acquired the circuit diagrams for it. It works partially in that the display lights up and the frequency can be inputted via the keyboard but the rotary tuning does not work. There also appears to be a problem in that the speaker overloads and distorts when the rf gain is increased. The reception on sidebands is non-existant. As a ex radio service engineer I can fix it. The only problem is I dont know whether the fault is on one or several boards. The only way I can find out is to try them in a working receiver. Is there any one living in Northern Ireland or anywhere else who has an NRD-525 and would be willing to help me.

Many thanks

Ian

216. Re: [nrd-525-535] NRD-525

Yahoo group: nrd-525-535
Date: 2002-10-13 21:14:53 UTC
From: Bob Parnass, AJ9S
Topic: 215 Message: 216

Perhaps the AGC is disabled or defective.
Sorry, I no longer have an NRD-525.

On Sunday 13 October 2002 04:07 pm, ballynafie wrote:
> ...There also appears to be a problem in
> that the speaker overloads and distorts when the rf gain is
> increased. ...
--
==
Bob Parnass, AJ9S Linux User http://parnass.com

218. Modifications 525...

Yahoo group: nrd-525-535
Date: 2002-10-20 11:01:19 UTC
From: christophe525
Topic: 218 Message: 218

Des études sont en cours sur http://perso.wanadoo.fr/geip/NRD525.htm
Je recherche:
1)désassembleur 6803 (6303) afin de modifier l'EPROM CPU NRD525
2)désassembleur 8749 pour modifier la partie affichage/contrôle.

QRV@wanadoo.fr

219. Broken nrd-525

Yahoo group: nrd-525-535
Date: 2002-10-20 20:40:57 UTC
From: ballynafie
Topic: 219 Message: 219

Having delved into the workings of the receiver a bit more I have discovered that the BFO runs at 517 khz regardless of which sideband mode you are in. It's quite a bit off the 455 khz but the control circuitry does not seem to want to adjust it. Anyone out there with any thoughts?

Ian

220. Noise heard at headphone output

Yahoo group: nrd-525-535
Date: 2002-10-21 17:55:59 UTC
From: pabigelow
Topic: 220 Message: 220

Hello,

My NRD-525 always seems to have whine (digital noise?) at the headphone output. Does anyone else have this problem? Is there a remedy? Would a toroid snapped on each of the wire bundles from the display board help?

Best regards,

Paul Bigelow

221. Re: [nrd-525-535] Noise heard at headphone output

Yahoo group: nrd-525-535
Date: 2002-10-21 19:17:11 UTC
From: robert parker
Topic: 220 Message: 221

Hi Paul;

What is the impedance of the headphones you're using?

pabigelow <pbigelow@...> wrote:Hello,

My NRD-525 always seems to have whine (digital noise?) at the
headphone output. Does anyone else have this problem? Is
there a remedy? Would a toroid snapped on each of the wire
bundles from the display board help?

Best regards,

Paul Bigelow

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222. Re: Noise heard at headphone output

Yahoo group: nrd-525-535
Date: 2002-10-21 20:25:47 UTC
From: pabigelow
Topic: 220 Message: 222

Hello,

Thank you for responding! The headphones used are
JRC ST-3 --> 600ohms.

Best regards,

Paul Bigelow

--- In nrd-525-535@y..., robert parker <valveman_6146@y...> wrote:
>
> Hi Paul;
>
> What is the impedance of the headphones you're using?
>
>
> pabigelow <pbigelow@u...> wrote:Hello,
>
> My NRD-525 always seems to have whine (digital noise?) at the
> headphone output. Does anyone else have this problem? Is
> there a remedy? Would a toroid snapped on each of the wire
> bundles from the display board help?
>
> Best regards,
>
> Paul Bigelow
>
>
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223. Re: [nrd-525-535] Re: Noise heard at headphone output

Yahoo group: nrd-525-535
Date: 2002-10-21 22:44:14 UTC
From: robert parker
Topic: 220 Message: 223

On my 525 I use just 8ohm headphones. Kenwood HS-5 and had no noticeable noise. Try a set of 8 ohm and see if the noise diappears. If not then we can go from there.

Robert VE3RPF

pabigelow <pbigelow@...> wrote:Hello,

Thank you for responding! The headphones used are
JRC ST-3 --> 600ohms.

Best regards,

Paul Bigelow

--- In nrd-525-535@y..., robert parker <valveman_6146@y...> wrote:
>
> Hi Paul;
>
> What is the impedance of the headphones you're using?
>
>
> pabigelow <pbigelow@u...> wrote:Hello,
>
> My NRD-525 always seems to have whine (digital noise?) at the
> headphone output. Does anyone else have this problem? Is
> there a remedy? Would a toroid snapped on each of the wire
> bundles from the display board help?
>
> Best regards,
>
> Paul Bigelow
>
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224. Re: Noise heard at headphone output --> Solved

Yahoo group: nrd-525-535
Date: 2002-10-22 12:41:42 UTC
From: pabigelow
Topic: 220 Message: 224

Hello Robert,

Thank you for the suggestion.

After doing some further reading and "internet investigation" yesterday, I pulled the cards and plugs, used a little Caig ProGold (better than DeOxit D5) on all pins and connectors, reseated everything and the noise is gone. I also made sure that the cables bundles that come from the front panel are as far away from the headphone and recorder jacks as possible. Maybe there was an ground connection problem.

Best regards,

Paul Bigelow

--- In nrd-525-535@y..., robert parker <valveman_6146@y...> wrote:
>
> On my 525 I use just 8ohm headphones. Kenwood HS-5 and had no noticeable noise. Try a set of 8 ohm and see if the noise diappears. If not then we can go from there.
>
> Robert VE3RPF
>
>
> pabigelow <pbigelow@u...> wrote:Hello,
>
> Thank you for responding! The headphones used are
> JRC ST-3 --> 600ohms.
>
> Best regards,
>
> Paul Bigelow
>
> --- In nrd-525-535@y..., robert parker <valveman_6146@y...> wrote:
> >
> > Hi Paul;
> >
> > What is the impedance of the headphones you're using?
> >
> >
> > pabigelow <pbigelow@u...> wrote:Hello,
> >
> > My NRD-525 always seems to have whine (digital noise?) at the
> > headphone output. Does anyone else have this problem? Is
> > there a remedy? Would a toroid snapped on each of the wire

> > bundles from the display board help?
> >
> > Best regards,
> >
> > Paul Bigelow
> >
> >
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225. Re: [nrd-525-535] Re: Noise heard at headphone output --> Solved

Yahoo group: nrd-525-535
Date: 2002-10-22 15:52:29 UTC
From: robert parker
Topic: 220 Message: 225

Glad you got it fixed.
Now you can get some serious DX listening done.
Cheers,
Robert VE3RPF
pabigelow <pbigelow@...> wrote: Hello Robert,

Thank you for the suggestion.

After doing some further reading and "internet investigation"
yesterday, I pulled the cards and plugs, used a little Caig ProGold
(better than DeOxit D5) on all pins and connectors, reseated
everything and the noise is gone. I also made sure that the cables
bundles that come from the front panel are as far away from the
headphone and recorder jacks as possible. Maybe there was an ground
connection problem.

Best regards,

Paul Bigelow

--- In nrd-525-535@y..., robert parker <valveman_6146@y...> wrote:
>
> On my 525 I use just 8ohm headphones. Kenwood HS-5 and had no
noticeable noise. Try a set of 8 ohm and see if the noise
diappears. If not then we can go from there.
>
> Robert VE3RPF
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> pabigelow <pbigelow@u...> wrote:Hello,
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> Thank you for responding! The headphones used are
> JRC ST-3 --> 600ohms.
>
> Best regards,
>
> Paul Bigelow
>
> --- In nrd-525-535@y..., robert parker <valveman_6146@y...> wrote:
> >
> > Hi Paul;
> >
> > What is the impedance of the headphones you're using?
> >
> >
> > pabigelow <pbigelow@u...> wrote:Hello,

> >
> > My NRD-525 always seems to have whine (digital noise?) at the
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> > Paul Bigelow
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226. Re: Noise heard at headphone output --> Solved / CFL-218A and CFL-231

Yahoo group: nrd-525-535
Date: 2002-10-22 18:18:13 UTC
From: pabigelow
Topic: 220 Message: 226

Hello Robert,

Thank you! I intend to. After using the stock filters for years,
I'm finally adding CFL-218A and CFL-231.

Best regards,

Paul Bigelow

--- In nrd-525-535@y..., robert parker <valveman_6146@y...> wrote:
>
> Glad you got it fixed.
> Now you can get some serious DX listening done.
> Cheers,
> Robert VE3RPF
> pabigelow pbigelow@u... wrote: Hello Robert,
>
> Thank you for the suggestion.
>
> After doing some further reading and "internet investigation"
> yesterday, I pulled the cards and plugs, used a little Caig ProGold
> (better than DeOxit D5) on all pins and connectors, reseated
> everything and the noise is gone. I also made sure that the cables
> bundles that come from the front panel are as far away from the
> headphone and recorder jacks as possible. Maybe there was an
ground
> connection problem.
>
> Best regards,
>
> Paul Bigelow
>
>
> --- In nrd-525-535@y..., robert parker <valveman_6146@y...> wrote:
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> noticeable noise. Try a set of 8 ohm and see if the noise
> diappears. If not then we can go from there.
> >
> > Robert VE3RPF
> >
> >
> > pabigelow <pbigelow@u...> wrote:Hello,
> >
> > Thank you for responding! The headphones used are
> > JRC ST-3 --> 600ohms.

> >
> > Best regards,
> >
> > Paul Bigelow
> >
> > --- In nrd-525-535@y..., robert parker <valveman_6146@y...> wrote:
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> > > Hi Paul;
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> > > What is the impedance of the headphones you're using?
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> > >
> > > pabigelow <pbigelow@u...> wrote:Hello,
> > >
> > > My NRD-525 always seems to have whine (digital noise?) at the
> > > headphone output. Does anyone else have this problem? Is
> > > there a remedy? Would a toroid snapped on each of the wire
> > > bundles from the display board help?
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> > > Best regards,
> > >
> > > Paul Bigelow
> > >
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227. Hiss when recording off line-out

Yahoo group: nrd-525-535
Date: 2002-10-24 10:17:54 UTC
From: bjarnemjelde
Topic: 227 Message: 227

I and a friend with late-s/n 525's experience a lot of hiss when we record to an MD recorder - portable or stationary. What can be done to remedy this? A third 525 is actually very quiet on its line-out.

228. TA7222AP datasheet comparison to NRD-525

Yahoo group: nrd-525-535
Date: 2002-10-27 18:05:01 UTC
From: pabigelow
Topic: 228 Message: 228

Hello,

In examining the TA7222AP datasheet it appears that JRC used
the "Lower Closed Gain Loop" circuit model + muting function when
designing the audio output for the NRD-525.

Comparison of the values of the JRC vs. the application (test)
circuit:

Value	JRC	Test Circuit	Function
C24	10uf	4.7uf	Ripple Rejection
C26	33uf	47uf	Bootstrap
C29	10uf	100uf	Feedback (lower closed loop gain)
C31	220uf	1000uf	AF output coupling capacitor
C99	10uf	22uf	Muting

Any thoughts on these values? Has anyone tried the datasheet values?

It appears that the same 9vdc source used for the TA7222AP power
amp is also used for the DC-DC converter for the flourescent display.
Would that design be a potential source for noise to enter the
audio circuit? JRC does utilize a 470uh inductor on the 9vdc line
at the converter.

It would seem that since the TA7222AP can accept 18vdc (40vdc surge)
and output 6W at 8ohm that it is "loafing" at 9vdc with an output of
1.5W at 8ohm. Would it make more sense to operate the TA7222AP at
a higher voltage supply separate from the DC-DC converter voltage?

Best regards,

Paul Bigelow

229. NRD-525 / Display Noise / Toroids / P38

Yahoo group: nrd-525-535
Date: 2002-10-27 18:25:10 UTC
From: pabigelow
Topic: 229 Message: 229

Hello,

Would wrapping the cable P38 bundle (containing the 9VDC power amp / flourescent display voltage) around a toroid be a good suggestion to reduce noise from entering the audio supply? Or is the 470uh (L2 on the CDE-418 display board) enough?

Perhaps only P38-1 (the specific 9VDC wire) could be disconnected from the plug, wrapped around the toroid, and then reinserted back into the P38 plug.

Of course the toroid would have to be encapsulated or otherwise insulated from the display. Space is certainly tight bewtween the display board and the the metal chassis.

Thoughts?

Best regards,

Paul Bigelow

230. CFL-218A / CFL-231 impressions for NRD-525

Yahoo group: nrd-525-535
Date: 2002-10-27 18:50:21 UTC
From: pabigelow
Topic: 230 Message: 230

Hello,

Just installed these filters and am I pleased!

The filters each come in a nice box, gold embossed for the model type. Instructions for installing into a JST-245, nuts and lock washers, and a pair of "board lifters" are included -- amazing! This type of care, no doubt, comes from an earlier era. Pure class. Installing these filters is very easy -- just be aware that the NRD-525 boards utilize surface mount devices and a LOT of heat is not necessary or desirable.

There is a downside to installing both filters. The 12KC width for AM and SSB is lost. No big loss for SSB but having 12kc for AM stations "in the clear" was kind of nice.

After using the stock filters (6kc and 3kc) for years, the addition of 1.8kc (CFL-218A) and .3kc (CFL-231) is a big boost. With CFL-218A SSB is received much cleaner and enhances ECSS greatly. Now, a synchronous detector is a moot point - just choose the USB or LSB that sounds the best. The NRD-525 is rock stable so ECSS can be used for hours on a station with no appreciable drift. Filter 231 is very nice - CW signals are extremely clean and sound good. 300 cycles is very sharp but worth it.

Best regards,

Paul Bigelow

231. Re: [nrd-525-535] CFL-218A / CFL-231 impressions for NRD-525

Yahoo group: nrd-525-535
Date: 2002-10-27 22:51:03 UTC
From: John Miller
Topic: 230 Message: 231

Paul,

Were did you get the filters? Universal?

I've heard Kiwa does so excellent mods for the 525.

73

John Miller
Boise, Idaho

Proud owner of NRD-505, 515, 525.

----- Original Message -----
From: pabigelow
Sent: Sunday, October 27, 2002 11:50 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] CFL-218A / CFL-231 impressions for NRD-525

Hello,

Just installed these filters and am I pleased!

The filters each come in a nice box, gold embossed for the model
type. Instructions for installing into a JST-245, nuts and lock
washers, and a pair of "board lifters" are included -- amazing!
This type of care, no doubt, comes from an earlier era. Pure class.
Installing these filters is very easy -- just be aware that the
NRD-525 boards utilize surface mount devices and a LOT of heat
is not necessary or desirable.

There is a downside to installing both filters. The 12KC width
for AM and SSB is lost. No big loss for SSB but having 12kc for
AM stations "in the clear" was kind of nice.

After using the stock filters (6kc and 3kc) for years, the addition
of 1.8kc (CFL-218A) and .3kc (CFL-231) is a big boost. With
CFL-218A SSB is received much cleaner and enhances ECSS greatly.
Now, a synchronous detector is a moot point - just choose
the USB or LSB that sounds the best. The NRD-525 is rock
stable so ECSS can be used for hours on a station with no
appreciable drift. Filter 231 is very nice - CW signals are
extremely clean and sound good. 300 cycles is very sharp
but worth it.

Best regards,

Paul Bigelow

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232. Re: [nrd-525-535] TA7222AP datasheet comparison to NRD-525

Yahoo group: nrd-525-535
Date: 2002-10-28 01:35:34 UTC
From: bob mozeleski
Topic: 228 Message: 232

Yup, it appears to be loafing just as you said. I
think a while back i did change a few values of these
caps. I am in the process of moving and have to get an
antenna up before the snow flies but soon i will take
the cover off and pull out the books and see what i
did. You can probably modulate a rf signal with
various audio freqs, sweep the passband and plot a
curve. A before and after curve would be nice.

--- pabigelow <pbigelow@...> wrote:
> Hello,
>
> In examining the TA7222AP datasheet it appears that
> JRC used
> the "Lower Closed Gain Loop" circuit model + muting
> function when
> designing the audio output for the NRD-525.
>
> Comparison of the values of the JRC vs. the
> application (test)
> circuit:
>
> Value JRC Test Circuit Function
> ----- --- ------------ --------
> C24 10uf 4.7uf Ripple Rejection
> C26 33uf 47uf Bootstrap
> C29 10uf 100uf Feedback (lower closed
> loop gain)
> C31 220uf 1000uf AF output coupling
> capacitor
> C99 10uf 22uf Muting
>
> Any thoughts on these values? Has anyone tried the
> datasheet values?
>
> It appears that the same 9vdc source used for the
> TA7222AP power
> amp is also used for the DC-DC converter for the
> flourescent display.
> Would that design be a potential source for noise to
> enter the
> audio circuit? JRC does utilize a 470uh inductor on
> the 9vdc line
> at the converter.
>

> It would seem that since the TA7222AP can accept
> 18vdc (40vdc surge)
> and output 6W at 8ohm that it is "loafing" at 9vdc
> with an output of
> 1.5W at 8ohm. Would it make more sense to operate
> the TA7222AP at
> a higher voltage supply separate from the DC-DC
> converter voltage?
>
> Best regards,
>
> Paul Bigelow
>
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233. Notch mod for 535?

Yahoo group: nrd-525-535
Date: 2002-10-28 12:23:06 UTC
From: rezeiwer
Topic: 233 Message: 233

Hi,
any modifications to get better 535's notch, I think it's not
really effective. Needs more sharper and deeper (-50 dB) notch.

73 rezeiwer

234. JRC NRD-525 For Sale

Yahoo group: nrd-525-535
Date: 2002-11-03 19:49:53 UTC
From: William H. Bowen
Topic: 234 Message: 234

For Sale - Loaded JRC NRD-525

Radio is in A+ electrical condition and very good cosmetic condition (some wear on the keypad and a few minor case scratches). I'm the second owner of the radio (original owner lives in SF) and unfortunately, because of where I live (unable to set up a decent antenna) the radio has gotten almost no use the last two years and I'd like to see it go to a new home where it can be more enjoyed. As all of the you know, the 525 is a great radio and deserves a better life than just sitting in the closet in a box.

The unit includes the Owner's Manual, Service Manual, original Sales Brochure from JRC, Board Extender. the RS-232 Interface board with cable (DB-25 on end), both AC and DC power cords. I also have the original JRC carton with all the packing inserts and even the original plastic bag for the radio itself!

Also included is the Eskab Sync Detector Board with a complete set of 4 filters (CFJ455K-2, 4 and 5 plus the stock 6 KHz in the "Wide" position) PLUS a full set of filters on the CFH-36 IF Board (the 2 standard JRC filters plus the Murata CFJ455-8 and 4 in the Narr and Aux positions, respectively). Also have complete docs for the Sync Board AND will include a CD of all the computer file docs, control programs and such I have.

I'm asking $600 for the complete package, but I'm willing to look at any REASONABLE offer.

If you'd like pictures of the unit, email me and I can send them to you.

Please contact me at bill_bowen@.... I live in Sacramento, CA but would be willing to ship the radio

anywhere in the US (I'd charge you only for materials to over-box the JRC box plus the actual shipping charges via a method that enables tracking, like UPS 2 Day).

I hate to part with this radio, but as I said, it deserves a better home than I can provide it.

Regards,
Bill Bowen
bill_bowen@...
Sacramento, CA

235. RE: [nrd-525-535] JRC NRD-525 For Sale

Yahoo group: nrd-525-535
Date: 2002-11-03 22:02:42 UTC
From: Chuck Yarbrough
Topic: 234 Message: 235

Bill--would you be willing to sell just the RS-232 board and cable out of this rig? I already have a 525 and need the Cx board. If so, how much would you ask?

Thanks

Chuck
Durham, NC

-----Original Message-----
From: William H. Bowen [mailto:bill_bowen@...]
Sent: Sunday, November 03, 2002 14:50
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] JRC NRD-525 For Sale

For Sale - Loaded JRC NRD-525

Radio is in A+ electrical condition and very good cosmetic condition (some wear on the keypad and a few minor case scratches). I'm the second owner of the radio (original owner lives in SF) and unfortunately, because of where I live (unable to set up a decent antenna) the radio has gotten almost no use the last two years and I'd like to see it go to a new home where it can be more enjoyed. As all of the you know, the 525 is a great radio and deserves a better life than just sitting in the closet in a box.

The unit includes the Owner's Manual, Service Manual, original Sales Brochure from JRC, Board Extender. the RS-232 Interface board with cable (DB-25 on end), both AC and DC power cords. I also have the original JRC carton with all the packing inserts and even the original plastic bag for the radio itself!

Also included is the Eskab Sync Detector Board with a complete set of 4 filters (CFJ455K-2, 4 and 5 plus the stock 6 KHz in the "Wide" position) PLUS a full set of filters on the CFH-36 IF Board (the 2 standard JRC filters plus the Murata CFJ455-8 and 4 in the Narr and Aux positions, respectively). Also have complete docs for the Sync

Board AND will include a CD of all the
computer file docs, control programs and
such I have.

I'm asking $600 for the complete package,
but I'm willing to look at any REASONABLE
offer.

If you'd like pictures of the unit, email me
and I can send them to you.

Please contact me at
bill_bowen@.... I live in Sacramento,
CA but would be willing to ship the radio
anywhere in the US (I'd charge you only for
materials to over-box the JRC box plus the
actual shipping charges via a method that
enables tracking, like UPS 2 Day).

I hate to part with this radio, but as I said, it
deserves a better home than I can provide it.

Regards,
Bill Bowen
bill_bowen@...
Sacramento, CA

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236. RE: [nrd-525-535] JRC NRD-525 For Sale

Yahoo group: nrd-525-535
Date: 2002-11-04 21:07:10 UTC
From: William H. Bowen
Topic: 234 Message: 236

Chuck,

No, I am not willing to sell the Serial Boad
seperately. If I did so, it would reduce the
value of the radio more than what I could get
for the board and cable.

I know those serial interface boards are
darn near impossible to find now days, and I
wish you luck n finding one for your 525.

Regards,
Bill Bowen
bill_bowen@...
Sacramento, CA

To: <nrd-525-
535@yahoogroups.com>
From: "Chuck Yarbrough"
<wampus@...>
Date sent: Sun, 3 Nov 2002
17:02:42 -0500
Subject: RE: [nrd-525-535]
JRC NRD-525 For Sale
Send reply to: nrd-525-
535@yahoogroups.com

> Bill--would you be willing to sell just the RS-232 board and cable out of this
> rig? I already have a 525 and need the Cx board. If so, how much would you
> ask?
>
> Thanks
>
> Chuck
> Durham, NC
>
> -----Original Message-----
> From: William H. Bowen [mailto:bill_bowen@...]
> Sent: Sunday, November 03, 2002 14:50
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] JRC NRD-525 For Sale
>
>
> For Sale - Loaded JRC NRD-525
>
> Radio is in A+ electrical condition and very

> good cosmetic condition (some wear on the
> keypad and a few minor case scratches). I'm
> the second owner of the radio (original
> owner lives in SF) and unfortunately,
> because of where I live (unable to set up a
> decent antenna) the radio has gotten almost
> no use the last two years and I'd like to see it
> go to a new home where it can be more
> enjoyed. As all of the you know, the 525 is a
> great radio and deserves a better life than
> just sitting in the closet in a box.
>
> The unit includes the Owner's Manual,
> Service Manual, original Sales
> Brochure from JRC, Board Extender. the
> RS-232 Interface board with cable (DB-25
> on end), both AC and DC power cords. I also
> have the original JRC carton with all the
> packing inserts and even the original
> plastic bag for the radio itself!
>
> Also included is the Eskab Sync Detector
> Board with a complete set of 4 filters
> (CFJ455K-2, 4 and 5 plus the stock 6 KHz in
> the "Wide" position) PLUS a full set of filters
> on the CFH-36 IF Board (the 2 standard
> JRC filters plus the Murata CFJ455-8 and 4
> in the Narr and Aux positions, respectively).
> Also have complete docs for the Sync
> Board AND will include a CD of all the
> computer file docs, control programs and
> such I have.
>
> I'm asking $600 for the complete package,
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> offer.
>
> If you'd like pictures of the unit, email me
> and I can send them to you.
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> Please contact me at
> bill_bowen@.... I live in Sacramento,
> CA but would be willing to ship the radio
> anywhere in the US (I'd charge you only for
> materials to over-box the JRC box plus the
> actual shipping charges via a method that
> enables tracking, like UPS 2 Day).
>
> I hate to part with this radio, but as I said, it
> deserves a better home than I can provide it.

>
> Regards,
> Bill Bowen
> bill_bowen@...
> Sacramento, CA
>
>
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237. RE: [nrd-525-535] JRC NRD-525 For Sale

Yahoo group: nrd-525-535
Date: 2002-11-05 06:42:30 UTC
From: Patrick Buckingham
Topic: 234 Message: 237

Can you send me some photos of the unit, I live in Sacramento also so shipping would be cheap:)

Thanks,
Patrick

-----Original Message-----
From: William H. Bowen [mailto:bill_bowen@...]
Sent: Sunday, November 03, 2002 11:50 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] JRC NRD-525 For Sale

For Sale - Loaded JRC NRD-525

Radio is in A+ electrical condition and very good cosmetic condition (some wear on the keypad and a few minor case scratches). I'm the second owner of the radio (original owner lives in SF) and unfortunately, because of where I live (unable to set up a decent antenna) the radio has gotten almost no use the last two years and I'd like to see it go to a new home where it can be more enjoyed. As all of the you know, the 525 is a great radio and deserves a better life than just sitting in the closet in a box.

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I'm asking $600 for the complete package,
but I'm willing to look at any REASONABLE
offer.

If you'd like pictures of the unit, email me
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Please contact me at
bill_bowen@.... I live in Sacramento,
CA but would be willing to ship the radio
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actual shipping charges via a method that
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I hate to part with this radio, but as I said, it
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Sacramento, CA

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238. New Member, NRD-525 question

Yahoo group: nrd-525-535
Date: 2002-11-27 19:56:52 UTC
From: ko6bb
Topic: 238 Message: 238

Hello all.
I'm a new member and have recently acquired a new (for me) NRD-525.
It is working quite well with only one noticable "quirk" but I have
some questions.

1. When first turned on in the morning (cold) it takes a little
while to "lock". In other words, the tuned in station "warbles". I
haven't yet done any troubleshooting to determine which loop is
unlocked. It is worse and takes longer to lock if the PBS is tuned
off to the side (3 'Clock) for the narrow filter. If the set is
turned off and later in the day turned back on it doesn't repeat the
problem (warmer later in the day).

2. I wish to make an "extender card" to facilitate troubleshooting
and maintenance. Anyone know what the availability, source and
description of the connectors are for both the male/female
connectors? (Location California)

3. In reading the archives, I saw where somebody inquired about the
feasability of building the RS-232 interface. As I didn't see all
the answers to this question, I'll repeat it here. is it feasable to
build the RS-232 interface? Special proprietary parts? (I have good
homebrewing skills).

4. The links I was referred to for some Filter Mods and other mods
to the NRD-525 were all dead links. Does anyone have some good links
for these files?

73 es have a good day.
Phil KO6BB

239. (no subject)

Yahoo group: nrd-525-535
Date: 2002-11-30 19:27:16 UTC
From: Philip Atchley
Topic: 239 Message: 239

Hello, it's me again.
After extensively studying the schematic of the CMH-532 board I have come to the conclusion that it is entirely feasable to build one of these, or at least a board that is functionally identical electrically. All the chips appear to be common garden variety chips (though it is getting more difficult to obtain DIP chips, everything's going smt).

The present plan entails building the basic circuit on R/S Universal IC circuit cards (one or two sandwiched as needed) and replacing the DC/DC converter with either a commercial -12VDC DC/DC converter chip or a "charge pump". To help with this planning task I've contacted my brother who is much stronger in "Digital" than I am (my specialty is RF and analog). The DC/DC converter is the sticky wicket as all the digi stuff is more or less routine circuits.

Depending on what it costs to get that -12VDC I suspect the cost of components may well be under $50.00, especially as I have some of the needed parts in my junkbox. But even if a person bought everything new it would be WELL under the 300.00 or so I've been told these units often sell for!!!

NOW, I need information from anyone who can help me. The owners manual doesn't give any particulars on BAUD RATE or what commands the NRD-525 expects over the RS-232 cable, though I expect I could use any of the control progrms that are already out there for the radio (including my Fineware Shortwave database program).

QUESTIONS:
1. What is the physical size of the card (in case I wish to later add a rtty card)?
2. What is the BAUD rate to the computer?
3. What commands are read to and from the radio?
4. What is the "connector type" to the I/O Data Card (looks like just an inline header at first glance)?
5. Does the RS-232 cable that exits from the card go directly to the rear panel connector or is there another place this cable terminates?
6. What is the Type of rear panel connector (DB-9 ?).

I expect it will probably be a "work in progress" for the next couple months but when I finally get a working sample I'll try to post the schematic, construction information etc for anyone who may want to build one. It will be labor intensive as it will be "point to point" wired on the universal circuit card. I DON'T intend to make a PC board.

73 de Phil KO6BB

```
**************************************************
* Chasing NDB's (Non-Directional Beacons)with ... *
* RECEIVER 1: JRC NRD-525 W/500Hz CW filter. *
* RECEIVER 2: Homebrew Longwave CW receiver. *
* AUDIO FILTERS: Datong FL-3, Heathkit HD-1418. *
* ANTENNA: Loaded 20 Meter Long Sloper. *
* 50dB Gain Low Noise Tunable Preamp. *
* LOCATION: Merced, Central California. *
* COORDINATES: 37.18N 120.29W CM97sh. *
**************************************************
```

240. (no subject)

Yahoo group: nrd-525-535
Date: 2002-11-30 19:28:24 UTC
From: Philip Atchley
Topic: 240 Message: 240

Hello, it's me again.
After extensively studying the schematic of the CMH-532 board I have come to the conclusion that it is entirely feasable to build one of these, or at least a board that is functionally identical electrically. All the chips appear to be common garden variety chips (though it is getting more difficult to obtain DIP chips, everything's going smt).

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QUESTIONS:
1. What is the physical size of the card (in case I wish to later add a rtty card)?
2. What is the BAUD rate to the computer?
3. What commands are read to and from the radio?
4. What is the "connector type" to the I/O Data Card (looks like just an inline header at first glance)?
5. Does the RS-232 cable that exits from the card go directly to the rear panel connector or is there another place this cable terminates?
6. What is the Type of rear panel connector (DB-9 ?).

I expect it will probably be a "work in progress" for the next couple months but when I finally get a working sample I'll try to post the schematic, construction information etc for anyone who may want to build one. It will be labor intensive as it will be "point to point" wired on the universal circuit card. I DON'T intend to make a PC board.

73 de Phil KO6BB

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* RECEIVER 1: JRC NRD-525 W/500Hz CW filter. *
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* AUDIO FILTERS: Datong FL-3, Heathkit HD-1418. *
* ANTENNA: Loaded 20 Meter Long Sloper. *
* 50dB Gain Low Noise Tunable Preamp. *
* LOCATION: Merced, Central California. *
* COORDINATES: 37.18N 120.29W CM97sh. *
**************************************************
```

241. (More) Construction of RS-232 board for NRD-525

Yahoo group: nrd-525-535
Date: 2002-11-30 19:31:49 UTC
From: Philip Atchley
Topic: 241 Message: 241

Sorry forgot the "subject".

Hello, it's me again.
After extensively studying the schematic of the CMH-532 board I have come to the conclusion that it is entirely feasable to build one of these, or at least a board that is functionally identical electrically. All the chips appear to be common garden variety chips (though it is getting more difficult to obtain DIP chips, everything's going smt).

The present plan entails building the basic circuit on R/S Universal IC circuit cards (one or two sandwiched as needed) and replacing the DC/DC converter with either a commercial -12VDC DC/DC converter chip or a "charge pump". To help with this planning task I've contacted my brother who is much stronger in "Digital" than I am (my specialty is RF and analog). The DC/DC converter is the sticky wicket as all the digi stuff is more or less routine circuits.

Depending on what it costs to get that -12VDC I suspect the cost of components may well be under $50.00, especially as I have some of the needed parts in my junkbox. But even if a person bought everything new it would be WELL under the 300.00 or so I've been told these units often sell for!!!

NOW, I need information from anyone who can help me. The owners manual doesn't give any particulars on BAUD RATE or what commands the NRD-525 expects over the RS-232 cable, though I expect I could use any of the control progrms that are already out there for the radio (including my Fineware Shortwave database program).

QUESTIONS:
1. What is the physical size of the card (in case I wish to later add a rtty card)?
2. What is the BAUD rate to the computer?
3. What commands are read to and from the radio?
4. What is the "connector type" to the I/O Data Card (looks like just an inline header at first glance)?
5. Does the RS-232 cable that exits from the card go directly to the rear panel connector or is there another place this cable terminates?
6. What is the Type of rear panel connector (DB-9 ?).

I expect it will probably be a "work in progress" for the next couple months but when I finally get a working sample I'll try to post the schematic, construction information etc for anyone who may want to build one. It will be labor intensive as it will be "point to point" wired on the universal circuit card. I DON'T intend to make a PC

board.

73 de Phil KO6BB

242. Re: (More) Construction of RS-232 board for NRD-525

Yahoo group: nrd-525-535
Date: 2002-12-04 11:55:13 UTC
From: pa0jme2002
Topic: 241 Message: 242

Philip, take a look in the files directory, you will find cmh532.doc
succes
Rien Eradus PA0JME (pa0jme@...)

--- In nrd-525-535@y..., "Philip Atchley" <ko6bb@j...> wrote:
> Sorry forgot the "subject".
>
> Hello, it's me again.
> After extensively studying the schematic of the CMH-532 board I
have
> come to the conclusion that it is entirely feasable to build one of
> these, or at least a board that is functionally identical
> electrically. All the chips appear to be common garden variety
> chips (though it is getting more difficult to obtain DIP chips,
> everything's going smt).
>
> The present plan entails building the basic circuit on R/S
Universal
> IC circuit cards (one or two sandwiched as needed) and replacing
the
> DC/DC converter with either a commercial -12VDC DC/DC converter
chip
> or a "charge pump". To help with this planning task I've contacted
> my brother who is much stronger in "Digital" than I am (my
specialty
> is RF and analog). The DC/DC converter is the sticky wicket as
all
> the digi stuff is more or less routine circuits.
>
> Depending on what it costs to get that -12VDC I suspect the cost of
> components may well be under $50.00, especially as I have some of
the
> needed parts in my junkbox. But even if a person bought everything
> new it would be WELL under the 300.00 or so I've been told these
> units often sell for!!!
>
> NOW, I need information from anyone who can help me. The owners
> manual doesn't give any particulars on BAUD RATE or what commands
the
> NRD-525 expects over the RS-232 cable, though I expect I could use
> any of the control progrms that are already out there for the radio
> (including my Fineware Shortwave database program).
>
> QUESTIONS:
> 1. What is the physical size of the card (in case I wish to later

> add a rtty card)?
> 2. What is the BAUD rate to the computer?
> 3. What commands are read to and from the radio?
> 4. What is the "connector type" to the I/O Data Card (looks like
> just an inline header at first glance)?
> 5. Does the RS-232 cable that exits from the card go directly to
the
> rear panel connector or is there another place this cable
terminates?
> 6. What is the Type of rear panel connector (DB-9 ?).
>
> I expect it will probably be a "work in progress" for the next
couple
> months but when I finally get a working sample I'll try to post the
> schematic, construction information etc for anyone who may want to
> build one. It will be labor intensive as it will be "point to
point"
> wired on the universal circuit card. I DON'T intend to make a PC
> board.
>
>
> 73 de Phil KO6BB

243. Circuit diagrams for NRD-535 added to the files section

Yahoo group: nrd-525-535
Date: 2002-12-23 15:27:26 UTC
From: tido1322 <tido1322@xs4all.nl>
Topic: 243 Message: 243

Added the circuit diagrams for the NRD-535 to the files section.

Posted as TIFF files, should print fine in 300dpi, A4 format. Will try to convert to a PDF later.

Success!

244. Description for conversion of NRD-525 to DRM

Yahoo group: nrd-525-535
Date: 2002-12-23 16:25:26 UTC
From: tido1322 <tido1322@xs4all.nl>
Topic: 244 Message: 244

Added a description how to convert the NRD-525 for DRM 12 kHz IF output to PC soundcard, using software DRM decoder.

For mixer unit see http://home.t-online.de/home/sat-service/sat/DRM/DRM.htm

For more on DRM software see http://www.drmrx.org/

Success!

245. Out of alignment

Yahoo group: nrd-525-535
Date: 2003-01-23 03:29:36 UTC
From: ronbrochu <ronbrochu@yahoo.com>
Topic: 245 Message: 245

I'm a new owner of the NRD-525. Receiver works very well, but its display reads about 2 kHz high. Is this user-serviceable or destined for the repair shop?

Ron

246. Re: [nrd-525-535] Out of alignment

Yahoo group: nrd-525-535
Date: 2003-01-23 03:34:30 UTC
From: Valveman
Topic: 245 Message: 246

If you have the extension boards then yes you can service it yourself. You may be able to align it via the top pots but check the manual and schematics. 2Khz suggests someone was playing around with it before. That's way out.
Robert VE3RPF

"ronbrochu <ronbrochu@...>" <ronbrochu@...> wrote:I'm a new owner of the NRD-525. Receiver works very well, but its
display reads about 2 kHz high. Is this user-serviceable or destined
for the repair shop?

Ron

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247. Re: Out of alignment

Yahoo group: nrd-525-535
Date: 2003-01-25 02:18:15 UTC
From: brownsphere <g@afp.gov.au>
Topic: 245 Message: 247

Before you try to do a repair,
check out to see if it has been set to another mode of frequency
display.
There are two modes, one shows the centre frequency of the band,
and the other shows the carrier frequency. Personally I always use
the carrier frequency. The difference is 1.5 kHz.
Also the passband shift should be in the vertical position otherwise
you can be shifted another 500 Hz or so off the display.
I don't have the manual here,
but it says how to make the change using the keypad on the front.

--- In nrd-525-535@yahoogroups.com, "ronbrochu <ronbrochu@y...>"
<ronbrochu@y...> wrote:
> I'm a new owner of the NRD-525. Receiver works very well, but its
> display reads about 2 kHz high. Is this user-serviceable or
destined
> for the repair shop?
>
> Ron

248. NRD-535 few questions....

Yahoo group: nrd-525-535
Date: 2003-01-25 21:04:07 UTC
From: rezeiwer <rezeiwer@luukku.com>
Topic: 248 Message: 248

Hi list,
what is the latest version of 535 internal software?

This is great receiver, but after listening to receivers like
Palstar R-30 and Icom R-75 with crisp audio, I have found 535's
audio quite noisy. Ther is a Kiwa audio mod, does it bring any help
to this problem?

73 rez

249. Re: [nrd-525-535] NRD-535 few questions....

Yahoo group: nrd-525-535
Date: 2003-01-25 21:34:06 UTC
From: Mike Wolfson
Topic: 248 Message: 249

I've had the audio mod done to my radio and have been quite satisfied with the result. I also had the ultimate rejection, sync and tone mods done at the same time. At another time I had a wide filter mod done on a 2010 I own as well. Craig does good work

Mike

----- Original Message -----
From: rezeiwer <rezeiwer@...>
To: nrd-525-535@yahoogroups.com
Sent: Saturday, January 25, 2003 4:04 PM
Subject: [nrd-525-535] NRD-535 few questions....

Hi list,
what is the latest version of 535 internal software?

This is great receiver, but after listening to receivers like
Palstar R-30 and Icom R-75 with crisp audio, I have found 535's
audio quite noisy. Ther is a Kiwa audio mod, does it bring any help
to this problem?

73 rez

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250. Re: NRD-535 few questions....

Yahoo group: nrd-525-535
Date: 2003-01-26 13:57:58 UTC
From: rezeiwer <rezeiwer@luukku.com>
Topic: 248 Message: 250

Hi,
thanks for your comments. Living in Europe I asked Kiwa whether this
modification is available as a kit, but it's not. Has anybody done
this by yourself, if so what components should be changed?

73 rez
--- In nrd-525-535@yahoogroups.com, "Mike Wolfson" <mwolfson@b...>
wrote:
> I've had the audio mod done to my radio and have been quite
satisfied with the result. I also had the ultimate rejection, sync
and tone mods done at the same time. At another time I had a wide
filter mod done on a 2010 I own as well. Craig does good work
>
> Mike
>
>
> ----- Original Message -----
> From: rezeiwer <rezeiwer@l...>
> To: nrd-525-535@yahoogroups.com
> Sent: Saturday, January 25, 2003 4:04 PM
> Subject: [nrd-525-535] NRD-535 few questions....
>
>
> Hi list,
> what is the latest version of 535 internal software?
>
> This is great receiver, but after listening to receivers like
> Palstar R-30 and Icom R-75 with crisp audio, I have found 535's
> audio quite noisy. Ther is a Kiwa audio mod, does it bring any
help
> to this problem?
>
> 73 rez
>
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251. NRD-525 Audio mod

Yahoo group: nrd-525-535
Date: 2003-01-30 14:20:21 UTC
From: Jerry Johnston <jerryjohnston@yahoo.com>
Topic: 251 Message: 251

I have owned a 525 for years but was never happy with it's audio (muffled, low output level, hiss and whine etc.)

While the audio can be picked up before the final amplifier from the "line out", has anyone attempted to pick off the audio signal from an even earlier stage in the receiver?

Ideally I would like to run the cleanest audio I can into a small tube amplifier for listening. I suppose one could start at the line out and work backwards but don't want to reinvent the wheel if someone has already done this.

252. NOT The Same old NRD-525

Yahoo group: nrd-525-535
Date: 2003-02-21 03:01:39 UTC
From: Philip Atchley <ko6bb@juno.com>
Topic: 252 Message: 252

Hi.
Like myself, many listeners have an JRC NRD-525 receiver, either as their primary set or among their stable of receivers. Personally I feel that this is one of the finest solid state receivers that I've ever owned, and I've had probably WELL over a hundred including Icom R-71A's, Kenwood R-5000's etc.

HOWEVER! It does have one particular weakness that is known to most long term users and is a major detractor to many. That weakness is "ultimate selectivity" and it shows up whether you are using a narrow 300Hz CW bandwidth or the "wide" AM bandwidth or anything in between.

This weakness shows up in two ways. The first is interference or QRM from strong signals off to the side and out of the normal bandpass of the selected filter. The other thing it shows up as is a high "hiss" level when listening to weak stations, particularly in the AM mode. The latter annoyance is due to the high gain 3 stage IF amplifier that follows all filter selectivity. It is simply TOO WIDE for normal use.

Here are the fixes that I did to my NRD-525 and, simply put, IT IS NOT THE SAME RECEIVER!

1. On the CFH-36 Filter Board.

A. I replaced the first 455KHz filter (LH-12, 12KHz wide) with a Murata CFW455IT filter. This is the same mod that many people have done to their set and it makes a big difference in ultimate selectivity.
B. I bought a 300 Hz Collins Filter for the CW "Narrow" slot. This was from Sherwood Engineering and they provided a number of resistors to replace various resistors/inductors in the filter selection area. This provides better impedance matching to ALL the filters and eliminates the inductors that can couple signals around the filters. (NOTE, you are replacing SMT components and it is NOT for the soldering iron impaired folks out there).
C. I then installed a CASCADED PAIR of Murata filters, the CFJ455K5 AND the CFJ455K13 filters in the "AUX" filter "FL-6" slot. This provided a nice bandwidth that falls between the "Wide" and the "Intermediate" filter bandwidths. Makes for full sounding SSB OR sharper AM selectivity than the "Wide" position does. Especially useful for listening to Shortwave Broadcast Stations in the USB/LSB modes. I used them because I had them!

The above changes resulted in somewhat better ultimate selectivity but the wideband hiss from the Wide IF remained on weak signals and I felt that selectivity could also still be improved ignificantly! The following cured this COMPLETELY...

2. On the CAE-182 Board.

A. This mod ADDS an additional filter between the 2nd and the 3rd IF amplifier.
B. Remove resistor R-52 (100 Ohm SMT) that is between Transformer T-3 and Transistor Tr-3. A Murata CFW455HT was installed, connected to the pads where the resistor was connected (pads are, Gate of Tr-3 and Secondary of transformer T3). The filter ground pins were grounded to a nearby pad. Then a 2.2K-Ohm resistor is connected from the pad that connects to the Gate of Tr-3, the other leg of this resistor connects to the OTHER)common) secondary lead of transformer T-3. This provides a 2.2K-Ohm load to the filter AND a DC path for the gate of transistor Tr-3. Secure the filter from dislodging with a dab of adhesive. NOTE. When the board is installed the filter just fits nicely between the back of the circuit board and the sheetmetal divider.

CHECK YOUR WORK CAREFULLY FOR SHORTS WHEN FINISHED!!! I suggest you wear a grounded wrist strap while working to prevent static damage. I will not be held responsible if you break your radio....

THE RESULTS.....

As I said before, this is NOT the same receiver that left the JRC factory. Some may find that the strong selectivity of all those cascaded filters is a little TOO NARROW for Program Listening of the stronger Broadcast stations, but as an Avid DXer I've always preferred narrow bandwidths. Whether you are listening to Shortwave broadcasters in AM wide or "utes" in the LSB/USB modes, you will find that the background is much quieter due to less "monkey chatter" from off frequency stations and greatly reduced high frequency "hiss".

WHERE TO FIND PARTS: I didn't have to look very far. I had all the filters that I needed and which had been removed from junked out CB Radios, old receivers etc. (SOME CB radios use the smaller 455H filters, not sure if they are as good as the larger 455HT filters) In retrospect, I would probably use two Murata CFW-455HT filters, one each to replace Filter FL-2 on the filter board and to add to the IF strip. (the HT filter bandwidth is a little wider at the nose but has a better shape factor) But if you have to buy them look for Murata Filter distributors in a Google.com search.

73 de Phil KO6BB

****
* Chasing NDB's (Non-Directional Beacons)with ... *
* RECEIVER 1: JRC NRD-525 W/300Hz Collins filter. *

```
* RECEIVER 2: Homebrew Longwave CW receiver. *
* AUDIO FILTERS: Datong FL-3, Heathkit HD-1418. *
* 30dB Gain Low Noise Tunable Preamp as needed. *
* ANTENNAS: *
* Coil Loaded 18.5 Meter Long Sloper. *
* 30 Inch long Active Whip, 7 Meters high at base. *
* LOCATION: Merced, Central California. *
* COORDINATES: 37.18N 120.29W CM97sh. *
******************************************************
```

253. Re: Hiss when recording off line-out

Yahoo group: nrd-525-535
Date: 2003-02-23 03:31:46 UTC
From: ra6830 <dallas@bayou.com>
Topic: 227 Message: 253

--- In nrd-525-535@yahoogroups.com, "bjarnemjelde"
<bjarne.mjelde@m...> wrote:
> I and a friend with late-s/n 525's experience a lot of hiss when
> we record to an MD recorder - portable or stationary. What can be
> done to remedy this? A third 525 is actually very quiet on its
> line-out.

Hi Bjarne,

Have your friend try adjusting RV3 on the mother board in the CAE-182 slot. RV3 sets the line output level. He doesn't need special equipment to adjust RV3, only a small alignment tool (or screw driver if he is careful). Do not apply much force as easily.
The service manual does not specify the standard power output (into 600 ohms) of the line out. On one of my 525's RV3 was set mid range. But since I have never used the line out on any of my 525's, I don't know if that is suitable for your friend.

He might also look at the setting of the TONE control on his "noisy" 525. I normally keep mine at 12 o'clock unless I am using the widest BW and listening "hi fi."

If these don't work, then he may have a noisy line amp.

Best regards,

Dallas

254. Re: NOT The Same old NRD-525

Yahoo group: nrd-525-535
Date: 2003-02-23 10:23:34 UTC
From: Wim van Berkom <pa3alg@amsat.org>
Topic: 252 Message: 254

Hi Phil,

I fully agree with your remarks about the 525's selectivity.
I recently obtained a set and was a bit disappointed about the selectivity as well as the audio. It's supposed to be a communication receiver and not a pseudo "HiFi" device (at least to me). Another shortcomming of my set is some worn out key pad switches. Changing those (or perhaps all of them) has my priority, but once completed I'm certainly going to implement your modifications.
Thanks for sharing them with us!

73, Wim -PA3ALG

255. Re: NOT The Same old NRD-525

Yahoo group: nrd-525-535
Date: 2003-02-23 13:02:57 UTC
From: ra6830 <dallas@bayou.com>
Topic: 252 Message: 255

Hi Phil,

Cascading or changing filters in a 525 (or 535) will
improve "ultimate selectivity" very little or not at all because the
receiver is phase noise limited. One can get some improvement in
ultimate selectivity for some 525's (up to 10 dB improvement for the
2.3 kHz INTER filter in its 449 - 451 kHz and 459 - 461 kHz
stopbands) by eliminating filter leakage: replace L4, L5, L6, and
L7 with toroid inductors (25 turns #22 enameled copper wire on
Amidon FT-50-43 toroids). This eliminates signal coupling around
the WIDE and INTER filters. Some late model 525's had larger
inductors on the input sides of the filters than the outputs.
Perhaps these larger inductors were "magnetically shielded" and do
not need to be replaced. If I were using a narrow filter, I would
buy a narrow Inrad filter with 2000 ohm source and load, and copy
the matching circuit (but with toroids) used for the WIDE or INTER.

I tried your "hiss reduction mod," putting a CFW455HT filter between
T-3 and TR-3. But I did not get any reduction in hiss in my 525
compared to another unmodified 525, for AUX, WIDE, and INTER
bandwidths, using headphone or speaker output (measured witrh an
audio power meter), with an antenna connected and no antenna
connected, and on strong and weak signals. Maybe you have a noisy
IF amp?

Best regards,

Dallas

<cut>

> It does have one particular weakness that is known to most
> long term users and is a major detractor to many. That weakness
> is "ultimate selectivity" and it shows up whether you are using a
> narrow 300Hz CW bandwidth or the "wide" AM bandwidth or anything
> in between
>
> This weakness shows up in two ways. The first is interference or
> QRM from strong signals off to the side and out of the normal
> bandpass of the selected filter. The other thing it shows up as
> is a high "hiss" level when listening to weak stations,
> particularly in the AM mode. The latter annoyance is due to the
> high gain 3 stage IF amplifier that follows all filter
> selectivity. It is simply TOO WIDE for normal use.

<cut>

256. Re: NOT The Same old NRD-525

Yahoo group: nrd-525-535
Date: 2003-02-24 15:53:38 UTC
From: rezeiwer <rezeiwer@luukku.com>
Topic: 252 Message: 256

I have owned my 535 since 1991, it was one of the first of these radios in Scandinavia. It has been modified by Eska-Edvis company and I have been very satisfied with it. The modifications are:

-FL1 (first IF) replaced by narrower Eska FL1 (maybe around 8 kHz)
-FL2 is replaced with the original FL3
-FL3 is Murata CFK455I (~ 6 kHz)
-FL4 is the original one
-FL5 is Murata CFJ455K8 (~ 1,8 kHz)
-FL6 is Murata CFJ455K4 (~ 4 kHz)
Inductors L2 - L7 are all replaced by Neosid type ones(but original values)

73 Jarmo

--- In nrd-525-535@yahoogroups.com, "ra6830 <dallas@b...>" <dallas@b...> wrote:
> Hi Phil,
>
> Cascading or changing filters in a 525 (or 535) will
> improve "ultimate selectivity" very little or not at all because the
> receiver is phase noise limited. One can get some improvement in
> ultimate selectivity for some 525's (up to 10 dB improvement for the
> 2.3 kHz INTER filter in its 449 - 451 kHz and 459 - 461 kHz
> stopbands) by eliminating filter leakage: replace L4, L5, L6, and
> L7 with toroid inductors (25 turns #22 enameled copper wire on
> Amidon FT-50-43 toroids). This eliminates signal coupling around
> the WIDE and INTER filters. Some late model 525's had larger
> inductors on the input sides of the filters than the outputs.
> Perhaps these larger inductors were "magnetically shielded" and do
> not need to be replaced. If I were using a narrow filter, I would
> buy a narrow Inrad filter with 2000 ohm source and load, and copy
> the matching circuit (but with toroids) used for the WIDE or INTER.
>
> I tried your "hiss reduction mod," putting a CFW455HT filter between
> T-3 and TR-3. But I did not get any reduction in hiss in my 525
> compared to another unmodified 525, for AUX, WIDE, and INTER
> bandwidths, using headphone or speaker output (measured witrh an
> audio power meter), with an antenna connected and no antenna
> connected, and on strong and weak signals. Maybe you have a noisy
> IF amp?
>
> Best regards,

>
> Dallas
>
> <cut>
>
> > It does have one particular weakness that is known to most
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> > in between
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> > This weakness shows up in two ways. The first is interference or
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> > bandpass of the selected filter. The other thing it shows up as
> > is a high "hiss" level when listening to weak stations,
> > particularly in the AM mode. The latter annoyance is due to the
> > high gain 3 stage IF amplifier that follows all filter
> > selectivity. It is simply TOO WIDE for normal use.
>
> <cut>

257. LED Dimming

Yahoo group: nrd-525-535
Date: 2003-02-24 20:57:36 UTC
From: Dan Robinson <darobin@voanews.com>
Topic: 257 Message: 257

Hello folks -- I'm new to the board, but familiar with many of you!

What is the accepted wisdom on the following:

-- Cause of dimming LED's?
-- Anything to do about it?
-- Any replacement LEDs available anywhere?
-- The effect on this problem of leaving a 525 on BRIGHT, or MEDIUM BRIGHT for extended periods -- does it improve?

Thanks

258. Re: [nrd-525-535] Re: NOT The Same old NRD-525

Yahoo group: nrd-525-535
Date: 2003-02-24 22:15:53 UTC
From: Dallas Lankford
Topic: 252 Message: 258

Hi Jarmo,

Your reply has little to do with my posting. You replied about your NRD-535. My posting was about NRD-525's. You replied about the Eska filter mods, where switched filters of different bandwidths were used between the IF amps and detectors. My posting was about a single fixed (10 kHz) bandwidth filter as proposed by Phil. As I said before, cascading filters does little to improve ultimate selectivity because the 525 and 535 are phase noise limited. It doesn't matter whether you have the Eska mod or some other mod. The switched filters in the Eska mod may reduce hiss for narrower bandwidths, but I have seen no before-after measurements to support this.

Best regards,

Dallas

----- Original Message -----
From: rezeiwer <rezeiwer@...>
To: nrd-525-535@yahoogroups.com
Sent: Monday, February 24, 2003 9:53 AM
Subject: [nrd-525-535] Re: NOT The Same old NRD-525

I have owned my 535 since 1991, it was one of the first of these
radios in Scandinavia. It has been modified by Eska-Edvis company and
I have been very satisfied with it. The modifications are:

-FL1 (first IF) replaced by narrower Eska FL1 (maybe around 8 kHz)
-FL2 is replaced with the original FL3
-FL3 is Murata CFK455I (~ 6 kHz)
-FL4 is the original one
-FL5 is Murata CFJ455K8 (~ 1,8 kHz)
-FL6 is Murata CFJ455K4 (~ 4 kHz)
Inductors L2 - L7 are all replaced by Neosid type ones(but original
values)

73 Jarmo

--- In nrd-525-535@yahoogroups.com, "ra6830 <dallas@b...>"
<dallas@b...> wrote:
> Hi Phil,
>
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the
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> ultimate selectivity for some 525's (up to 10 dB improvement for
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> 2.3 kHz INTER filter in its 449 - 451 kHz and 459 - 461 kHz

> stopbands) by eliminating filter leakage: replace L4, L5, L6, and
> L7 with toroid inductors (25 turns #22 enameled copper wire on
> Amidon FT-50-43 toroids). This eliminates signal coupling around
> the WIDE and INTER filters. Some late model 525's had larger
> inductors on the input sides of the filters than the outputs.
> Perhaps these larger inductors were "magnetically shielded" and do
> not need to be replaced. If I were using a narrow filter, I would
> buy a narrow Inrad filter with 2000 ohm source and load, and copy
> the matching circuit (but with toroids) used for the WIDE or INTER.
>
> I tried your "hiss reduction mod," putting a CFW455HT filter
between
> T-3 and TR-3. But I did not get any reduction in hiss in my 525
> compared to another unmodified 525, for AUX, WIDE, and INTER
> bandwidths, using headphone or speaker output (measured witrh an
> audio power meter), with an antenna connected and no antenna
> connected, and on strong and weak signals. Maybe you have a noisy
> IF amp?
>
> Best regards,
>
> Dallas
>
> <cut>
>
> > It does have one particular weakness that is known to most
> > long term users and is a major detractor to many. That weakness
> > is "ultimate selectivity" and it shows up whether you are using a
> > narrow 300Hz CW bandwidth or the "wide" AM bandwidth or anything
> > in between
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> > This weakness shows up in two ways. The first is interference or
> > QRM from strong signals off to the side and out of the normal
> > bandpass of the selected filter. The other thing it shows up as
> > is a high "hiss" level when listening to weak stations,
> > particularly in the AM mode. The latter annoyance is due to the
> > high gain 3 stage IF amplifier that follows all filter
> > selectivity. It is simply TOO WIDE for normal use.
>
> <cut>

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259. NRD-525 Hiss Myths

Yahoo group: nrd-525-535
Date: 2003-02-25 02:35:40 UTC
From: ra6830 <dallas@bayou.com>
Topic: 259 Message: 259

The myth that the NRD-525 is plagued by hiss has be around a long time, at least since about 1991 when I bought my first 525. I tried the popular his elimination mods of the time, but to no avail. They never reduced hiss in my 525. Recently a variation of one of these old theories of hiss has appeared, namely that the 3 stages of IF amplification following the filters were responsible for the hiss, and that the hiss could be greatly reduced by inserting a 10 kHz BW ceramic filter between T-3 and TR-3. But it did not reduce hiss in my 525. I didn't really expect it to reduce the hiss because the filter was so wide. But what about switched filters like in the Eska PLAM board? It occurred to me that I could settle the 3 stage IF amp hiss theory once and for all without an Eska board merely by measuring the hiss in my 3 bandwidths (INTER, WIDE, and AUX), and then measuring the hiss again with the filter board CFH-36 removed. With the filter board removed, hiss was at least 14 dB less (and up to 18 dB less) than with the filter board installed. This means that the majority of hiss originates in the 525 circuits ahead of the filters, and not in the 3 stages of IF amplification.

260. Re: [nrd-525-535] NRD-525 Hiss Myths

Yahoo group: nrd-525-535
Date: 2003-02-25 04:55:37 UTC
From: Philip B Atchley
Topic: 259 Message: 260
Attachments: 2 described; binary payloads are missing from this source WARC

Hi again Dallas...
I think I pretty much covered this in my 'other posting. By the way I meant no disrespect in my previous posting as I realize that you're one of the leading experts in receivers, and rightly so.

All I can say is that I do know the final results that these changes made and that it has eliminated most of the annoyance that I had with this set. I wish that I'd at least made some before/after .wav recordings of weak signals (daily ones like a BCB station etc) so that somebody else could hear the difference.

In another post you mentioned a noisy IF. Hmmm, I don't really think so as the set seems othrewise fine on weak signals and now that it's bandwidth is narrowed it seems about "normal".

73 de Phil KO6BB

On Tue, 25 Feb 2003 02:35:40 -0000 "ra6830 <dallas@...>"
<dallas@...> writes:
The myth that the NRD-525 is plagued by hiss has be around a long time, at least since about 1991 when I bought my first 525. I tried the popular his elimination mods of the time, but to no avail. They never reduced hiss in my 525. Recently a variation of one of these old theories of hiss has appeared, namely that the 3 stages of IF amplification following the filters were responsible for the hiss, and that the hiss could be greatly reduced by inserting a 10 kHz BW ceramic filter between T-3 and TR-3. But it did not reduce hiss in my 525. I didn't really expect it to reduce the hiss because the filter was so wide. But what about switched filters like in the Eska PLAM board? It occurred to me that I could settle the 3 stage IF amp hiss theory once and for all without an Eska board merely by measuring the hiss in my 3 bandwidths (INTER, WIDE, and AUX), and then measuring the hiss again with the filter board CFH-36 removed. With the filter board removed, hiss was at least 14 dB less (and up to 18 dB less) than with the filter board installed. This means that the majority of hiss originates in the 525 circuits ahead of the filters, and not in the 3 stages of IF amplification.

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261. Re: [nrd-525-535] Re: NOT The Same old NRD-525

Yahoo group: nrd-525-535
Date: 2003-02-25 05:03:56 UTC
From: Philip B Atchley
Topic: 252 Message: 261
Attachments: 2 described; binary payloads are missing from this source WARC

Hi.
One last note on this. It won't do any good to replace the inductors in the filter board of this set. It doesn't have any (except for FL4)! When I ordered the 300 Hz filter from Sherwood Engineering they sent along a strip of SMT resistors as well as some 1/8 W resistors (100 Ohms) and a modification sheet to replace all the inductors and many of the SMT resistors in the filter circuits to provide better impedance matching to both their filter and the original filters. It's also supposed to reduce coupling around the filters. I didn't have instruments to measure the results, but Sherwood Engineering is known for receiver performance so I took them at their word.

73 de Phil KO6BB

On Sun, 23 Feb 2003 13:02:57 -0000 "ra6830 <dallas@...>"
<dallas@...> writes:
Hi Phil,

Cascading or changing filters in a 525 (or 535) will
improve "ultimate selectivity" very little or not at all because the receiver is phase noise limited. One can get some improvement in ultimate selectivity for some 525's (up to 10 dB improvement for the 2.3 kHz INTER filter in its 449 - 451 kHz and 459 - 461 kHz stopbands) by eliminating filter leakage: replace L4, L5, L6, and L7 with toroid inductors (25 turns #22 enameled copper wire on Amidon FT-50-43 toroids). This eliminates signal coupling around the WIDE and INTER filters. Some late model 525's had larger inductors on the input sides of the filters than the outputs. Perhaps these larger inductors were "magnetically shielded" and do not need to be replaced. If I were using a narrow filter, I would buy a narrow Inrad filter with 2000 ohm source and load, and copy the matching circuit (but with toroids) used for the WIDE or INTER.

I tried your "hiss reduction mod," putting a CFW455HT filter between T-3 and TR-3. But I did not get any reduction in hiss in my 525 compared to another unmodified 525, for AUX, WIDE, and INTER bandwidths, using headphone or speaker output (measured witrh an audio power meter), with an antenna connected and no antenna connected, and on strong and weak signals. Maybe you have a noisy IF amp?

Best regards,

Dallas

<cut>

> It does have one particular weakness that is known to most
> long term users and is a major detractor to many. That weakness
> is "ultimate selectivity" and it shows up whether you are using a
> narrow 300Hz CW bandwidth or the "wide" AM bandwidth or anything
> in between
>
> This weakness shows up in two ways. The first is interference or
> QRM from strong signals off to the side and out of the normal
> bandpass of the selected filter. The other thing it shows up as
> is a high "hiss" level when listening to weak stations,
> particularly in the AM mode. The latter annoyance is due to the
> high gain 3 stage IF amplifier that follows all filter
> selectivity. It is simply TOO WIDE for normal use.

<cut>

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262. Re: [nrd-525-535] NRD-525 Hiss Myths

Yahoo group: nrd-525-535
Date: 2003-02-25 04:45:18 UTC
From: Philip B Atchley
Topic: 259 Message: 262

Hi Dallas et al....
Well, I'm not usually the argumentive type, but I'll have to say you're wrong on a couple counts, at least as it applies here, in the case of this particular receiver. I will concede and NOT say that this is always the case 8^)

Though my hearing is NOT what it was 25 years ago (whose is 8^) wide band "hiss" has always bugged me. (This is one reason when I had a "premium" stereo system all my reel/reel recorders ran at either 7 1/2 or 15IPS and ate tape at an incredible rate). I have been an active DXer since the late 50's AND have had many, many different models of receivers, some good and some not so good. Some of the better "special interest" receivers that I've had, I designed and built myself. I 'think' I can pretty much judge how a receiver performs by now <grin>. Especially as up till recently my career has been almost entirely in the RF fields, microwave and HF and I have more than a little experience there.

1. Anyway, this receiver DID have a high level of high frequency hiss on weaker signals, requiring that I "roll off" the treble, especially for headset use. Now, whether the hiss was created in the filter board and simply amplified by the IF amplifier's wide bandwidth/gain OR in the IF stages itself is immaterial, it was there and an annoyance! My thinking was not influenced by what I read, but rather by what I heard and studying of the circuits involved.

2. The filters I used are significantly narrower than 10KHz , I suspect about 6KHz (does anyone REALLY know the bandwidth of the 455IT/455HT filters). First, I tried replacing FL4 (LH-12) with a LH-8 filter (8 KHz in lew of the 12 KHz factory filter) without doing any other mods. This helped some. Then I installed the 455IT filter in FL4's slot. This made for noticably sharper selectivity (in the wide position) as evidenced by reduction of QRM from a STRONG BCB station 10KHz away from a weaker one. Replacing this filter did NOT help any in the wideband hiss department (as I didn't expect it to).

3. Installing a 455HT filter (again roughly 6KHz) WITH a 2.2kOhm load between T3 and Tr3 DID greatly reduce the wideband hiss. Now, by wideband hiss, I'm talking about higher frequency stuff, the kind you expect to be reduced or dissappear as you narrow the bandwidth. You will ALWAYS have some circuit noise in the bandpass of the filters (you'd better have ;-) Also, it's just possible that different "series" of the 525's actually had some IF circuit changes (bandwidth/gain distribution) that we don't know about and that comes into play here. Again, installing this second filter DID help adjacent channel selectivty significantly, I'd say more so than just replacing FL-4 did. Or perhaps it's the cascading effect of all the filters working together...

4. Unfortunately I don't have the test facilities to prove any of the above with before/after numbers, but time spent DXing with it has shown that it definitely performs MUCH better. Weaker stations, even ones without strong adjacent channels 'appear' to rise a little higher out of the noise floor. Of course, all this added selectivity doesn't help a GREAT deal when I'm using the 300 Hz Collins filter for chasing NDB's (Longwave beacons). But the very sharp (30 Hz bandwidth) audio filters DO make up for it.

LASTLY:
Lower "hiss" level when removing the filter select board REALLY proves NOTHING. The reason? You have effectively removed the entire front end, RF amplifiers, mixers etc from the receiver and OF COURSE the noise level is going to drop. It had better!! If it doesn't then you do indeed have a very noisy IF amplifier. But, to 'really' analyze things critically, you need to use some sort of audio spectrum analysis. In that way you should be able to determine what "noise" is in the bandpass of the selected filter and how much noise you have outside that bandpass. That which is outside the bandpass of the filter is due to a couple things. So called "filter blowby" (getting around the filter by whatever means), ultimate selectivity of the filter itself (which is usually greater than that obtained with the filter installed in the set) and finally, noise generated in the stages AFTER the filter. I STILL say that JRC could have improved the latter case greatly for pennies per set if they'd put a relatively inexpensive (roofing) ceramic filter further down the IF chain either between 2nd/3rd stages or even after the 3rd stage and before the detectors.

73 de Phil KO6BB

On Tue, 25 Feb 2003 02:35:40 -0000 "ra6830 <dallas@...>"
<dallas@...> writes:
The myth that the NRD-525 is plagued by hiss has be around a long time, at least since about 1991 when I bought my first 525. I tried the popular his elimination mods of the time, but to no avail. They never reduced hiss in my 525. Recently a variation of one of these old theories of hiss has appeared, namely that the 3 stages of IF amplification following the filters were responsible for the hiss, and that the hiss could be greatly reduced by inserting a 10 kHz BW ceramic filter between T-3 and TR-3. But it did not reduce hiss in my 525. I didn't really expect it to reduce the hiss because the filter was so wide. But what about switched filters like in the Eska PLAM board? It occurred to me that I could settle the 3 stage IF amp hiss theory once and for all without an Eska board merely by measuring the hiss in my 3 bandwidths (INTER, WIDE, and AUX), and then measuring the hiss again with the filter board CFH-36 removed. With the filter board removed, hiss was at least 14 dB less (and up to 18 dB less) than with the filter board installed. This means that the majority of hiss originates in the 525 circuits ahead of the filters, and not in the 3 stages of IF amplification.

263. Re: NOT The Same old NRD-525

Yahoo group: nrd-525-535
Date: 2003-02-25 06:45:14 UTC
From: rezeiwer <rezeiwer@luukku.com>
Topic: 252 Message: 263

Hi Dallas,
yes you're right we were talking slightly different things, what I wanted to say was to offer one good enough solution for serious DXing. I think the Eska filter in 1st IF shapens the ultimate selectivity still enough. I must admit the hiss still exist, but as most NRD owners I listen AM stations always on SSB mode, the audio is very crisp and the ergonomics and rich features makes this my DX receiver number ONE.

I appreciate your continuos efforts to study this hiss thing, maybe something really can be done to all 525 and 535's.

73 Jarmo
--- In nrd-525-535@yahoogroups.com, "Dallas Lankford" <dallas@b...>
wrote:
> Hi Jarmo,
>
> Your reply has little to do with my posting. You replied about your NRD-535. My posting was about NRD-525's. You replied about the Eska filter mods, where switched filters of different bandwidths were used between the IF amps and detectors. My posting was about a single fixed (10 kHz) bandwidth filter as proposed by Phil. As I said before, cascading filters does little to improve ultimate selectivity because the 525 and 535 are phase noise limited. It doesn't matter whether you have the Eska mod or some other mod. The switched filters in the Eska mod may reduce hiss for narrower bandwidths, but I have seen no before-after measurements to support this.
>
> Best regards,
>
> Dallas
>
>
> ----- Original Message -----
> From: rezeiwer <rezeiwer@l...>
> To: nrd-525-535@yahoogroups.com
> Sent: Monday, February 24, 2003 9:53 AM
> Subject: [nrd-525-535] Re: NOT The Same old NRD-525
>
>
> I have owned my 535 since 1991, it was one of the first of these
> radios in Scandinavia. It has been modified by Eska-Edvis company
and
> I have been very satisfied with it. The modifications are:

>
> -FL1 (first IF) replaced by narrower Eska FL1 (maybe around 8 kHz)
> -FL2 is replaced with the original FL3
> -FL3 is Murata CFK455I (~ 6 kHz)
> -FL4 is the original one
> -FL5 is Murata CFJ455K8 (~ 1,8 kHz)
> -FL6 is Murata CFJ455K4 (~ 4 kHz)
> Inductors L2 - L7 are all replaced by Neosid type ones(but
original
> values)
>
> 73 Jarmo
>
> --- In nrd-525-535@yahoogroups.com, "ra6830 <dallas@b...>"
> <dallas@b...> wrote:
> > Hi Phil,
> >
> > Cascading or changing filters in a 525 (or 535) will
> > improve "ultimate selectivity" very little or not at all
because
> the
> > receiver is phase noise limited. One can get some improvement
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> > ultimate selectivity for some 525's (up to 10 dB improvement
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> > 2.3 kHz INTER filter in its 449 - 451 kHz and 459 - 461 kHz
> > stopbands) by eliminating filter leakage: replace L4, L5, L6,
and
> > L7 with toroid inductors (25 turns #22 enameled copper wire on
> > Amidon FT-50-43 toroids). This eliminates signal coupling
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> > the WIDE and INTER filters. Some late model 525's had larger
> > inductors on the input sides of the filters than the outputs.
> > Perhaps these larger inductors were "magnetically shielded" and
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> > not need to be replaced. If I were using a narrow filter, I
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> > buy a narrow Inrad filter with 2000 ohm source and load, and
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> > the matching circuit (but with toroids) used for the WIDE or
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> >
> > I tried your "hiss reduction mod," putting a CFW455HT filter
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> > T-3 and TR-3. But I did not get any reduction in hiss in my
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> > compared to another unmodified 525, for AUX, WIDE, and INTER
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> > connected, and on strong and weak signals. Maybe you have a
noisy
> > IF amp?
> >
> > Best regards,
> >
> > Dallas
> >
> > <cut>
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> > > long term users and is a major detractor to many. That
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> > > is "ultimate selectivity" and it shows up whether you are
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> > > narrow 300Hz CW bandwidth or the "wide" AM bandwidth or
anything
> > > in between
> > >
> > > This weakness shows up in two ways. The first is
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> > > QRM from strong signals off to the side and out of the normal
> > > bandpass of the selected filter. The other thing it shows up
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> > > is a high "hiss" level when listening to weak stations,
> > > particularly in the AM mode. The latter annoyance is due to
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> > > high gain 3 stage IF amplifier that follows all filter
> > > selectivity. It is simply TOO WIDE for normal use.
> >
> > <cut>
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264. Re: [nrd-525-535] NRD-525 Hiss Myths

Yahoo group: nrd-525-535
Date: 2003-02-25 12:40:08 UTC
From: Dallas Lankford
Topic: 259 Message: 264

No Phil, you are generally wrong. I am sure that is difficult for you to accept.

My credentials: Ph.D. in mathematics, professor at a university, teach engineers calculus at the university, have an electronics lab at my house (HP-8640B signal generators, HP-3585A spectrum analyzer and tracking generator, Tek 495P spectrum analyzers, Tek 2465B scope, etc.), and 25 years experience in electronics, mainly HF communicastions.

In your first sentence, you said, "I will concede and NOT say this is always the case.." Does this mean I am wrong and not wrong?

Re. your #1, I already said previously that the hiss you heard could have come from some other source, such as a noisy IF amplifier. But it definitely did not come from the 3 stages of IF amplification as you claimed. By the way, R-390A's have 3 stages of IF amplification following the mechanical filters, and no one has ever complained about hiss from R-390A's as far as I know.

Re. your #2, of course one can really know the bandwidth of filters (if one builds test fixture and measures them). The BW of the HT is about 10 kHz, as I said.

Re. your #3, the HT is not 6 kHz. It is 10 kHz. If it greatly reduced your wideband hiss, it is because some active or passive device in your 525 between the switched filters and the HT filter is defective and producing excessive hiss.

Re. your #4, I do have test equipment, and I did confirm that your HT filter mod does not reduce hiss on normally functioning NRD-525's.

Re, your LASTLY, you are wrong. Of course it proves that the hiss from the 3 stage IF amp is negligible. You don';t know what you are talking about.

Best regards,

Dallas

265. Re: [nrd-525-535] Re: NOT The Same old NRD-525

Yahoo group: nrd-525-535
Date: 2003-02-25 12:48:40 UTC
From: Dallas Lankford
Topic: 252 Message: 265

You seem to be quite argumentative, Phil. Yes, I am familiar with Sherwood's filter leakage mod, and he is familiar with mine. As I recall, his involved trace cutting, while mine does not. His also reduces filter lkeakage, by about the same amount as mine, namely very little. Most people can't hear the difference.

73, Dallas
----- Original Message -----
From: Philip B Atchley
To: nrd-525-535@yahoogroups.com
Sent: Monday, February 24, 2003 11:03 PM
Subject: Re: [nrd-525-535] Re: NOT The Same old NRD-525

Hi.
One last note on this. It won't do any good to replace the inductors in the filter board of this set. It doesn't have any (except for FL4)! When I ordered the 300 Hz filter from Sherwood Engineering they sent along a strip of SMT resistors as well as some 1/8 W resistors (100 Ohms) and a modification sheet to replace all the inductors and many of the SMT resistors in the filter circuits to provide better impedance matching to both their filter and the original filters. It's also supposed to reduce coupling around the filters. I didn't have instruments to measure the results, but Sherwood Engineering is known for receiver performance so I took them at their word.

73 de Phil KO6BB

On Sun, 23 Feb 2003 13:02:57 -0000 "ra6830 <dallas@...>" <dallas@...> writes:
Hi Phil,

Cascading or changing filters in a 525 (or 535) will
improve "ultimate selectivity" very little or not at all because the
receiver is phase noise limited. One can get some improvement in
ultimate selectivity for some 525's (up to 10 dB improvement for the
2.3 kHz INTER filter in its 449 - 451 kHz and 459 - 461 kHz
stopbands) by eliminating filter leakage: replace L4, L5, L6, and
L7 with toroid inductors (25 turns #22 enameled copper wire on
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the WIDE and INTER filters. Some late model 525's had larger
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Perhaps these larger inductors were "magnetically shielded" and do
not need to be replaced. If I were using a narrow filter, I would
buy a narrow Inrad filter with 2000 ohm source and load, and copy
the matching circuit (but with toroids) used for the WIDE or INTER.

I tried your "hiss reduction mod," putting a CFW455HT filter between
T-3 and TR-3. But I did not get any reduction in hiss in my 525
compared to another unmodified 525, for AUX, WIDE, and INTER
bandwidths, using headphone or speaker output (measured witrh an

audio power meter), with an antenna connected and no antenna
connected, and on strong and weak signals. Maybe you have a noisy
IF amp?

Best regards,

Dallas

<cut>

> It does have one particular weakness that is known to most
> long term users and is a major detractor to many. That weakness
> is "ultimate selectivity" and it shows up whether you are using a
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> particularly in the AM mode. The latter annoyance is due to the
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<cut>

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266. What was the serial number of the last NRD-525?

Yahoo group: nrd-525-535
Date: 2003-02-25 17:12:03 UTC
From: bjarnemjelde <bjarne.mjelde@monet.no>
Topic: 266 Message: 266

A rather unimportant issue to most perhaps - anyway: Do anyone know which serial number was the last one for the 525? I have heard of a s/n of 54450 for the "G" model (possibly only sold in Germany/Europe), while 52xxx seems to be the highest noted so far from the USA. Could it be that JRC used different sets of serial numbers for the G model and the non-G model(s) (implying that they were not numbered in chronological order)?

Bjarne Mjelde
Berlevag, Arctic Norway

267. Re: What was the serial number of the last NRD-525?

Yahoo group: nrd-525-535
Date: 2003-02-25 18:16:53 UTC
From: rezeiwer <rezeiwer@luukku.com>
Topic: 266 Message: 267

Hi,
my 535 have serial number of 52898, and I think it's among the first ones of 535's. Don't really know the idea of JRC serial numbers, are they just simply increasing numbers???? So when 525 stopped they started the next serial number with the new model?

73 Jarmo
--- In nrd-525-535@yahoogroups.com, "bjarnemjelde <bjarne.mjelde@m...>" <bjarne.mjelde@m...> wrote:
> A rather unimportant issue to most perhaps - anyway: Do anyone know
> which serial number was the last one for the 525? I have heard of a
> s/n of 54450 for the "G" model (possibly only sold in
> Germany/Europe), while 52xxx seems to be the highest noted so far
> from the USA. Could it be that JRC used different sets of serial
> numbers for the G model and the non-G model(s) (implying that they
> were not numbered in chronological order)?
>
> Bjarne Mjelde
> Berlevag, Arctic Norway

268. Re: [nrd-525-535] Re: NOT The Same old NRD-525

Yahoo group: nrd-525-535
Date: 2003-02-25 20:42:21 UTC
From: Dallas Lankford
Topic: 252 Message: 268

Hi Jarmo,

It was nice to hear from you again. The Eska Plam board was popular in the late 1980's and 1990's, and many other DXers had good things to say about it. I always intended to try one of those 8 kHz BW filters in the 70.455 mHz IF, but never got around to it. Now, of course, they are no longer available, at least not to the best of my knowledge. It was interesting to read your remark that the hiss still exists after the Eska mod in your NRD-535. That agrees with my findings for NRD-525's. If any new information emerges with regard to hiss, I will look into it.

Best regards,

Dallas
----- Original Message -----
From: rezeiwer <rezeiwer@...>
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 25, 2003 12:45 AM
Subject: [nrd-525-535] Re: NOT The Same old NRD-525

Hi Dallas,
yes you're right we were talking slightly different things, what I wanted to say was to offer one good enough solution for serious DXing. I think the Eska filter in 1st IF shapens the ultimate selectivity still enough. I must admit the hiss still exist, but as most NRD owners I listen AM stations always on SSB mode, the audio is very crisp and the ergonomics and rich features makes this my DX receiver number ONE.

I appreciate your continuos efforts to study this hiss thing, maybe something really can be done to all 525 and 535's.

73 Jarmo

269. Spares for NRD-525

Yahoo group: nrd-525-535
Date: 2003-02-25 21:00:50 UTC
From: Ian Macartney
Topic: 269 Message: 269

Does anyone know if it is possible to get an LR3671D
IC for the NRD-525 or if there is an equivalent for
it. My rotary tuning has stopped working but the
pulses are still going to IC6. I have tried another
rotary encoder but it makes no difference.

Thanks for any help.

Ian

_____
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http://uk.my.yahoo.com

270. RE: [nrd-525-535] Spares for NRD-525

Yahoo group: nrd-525-535
Date: 2003-02-26 00:31:57 UTC
From: Chuck Yarbrough
Topic: 269 Message: 270

Hi Ian--Have you tried getting the IC from your 'local' JRC service center? I know in the US Universal Radio does repairs on JRC rigs. Might give them a try.

73s,

Chuck

-----Original Message-----
From: Ian Macartney [mailto:ballynafie@...]
Sent: Tuesday, February 25, 2003 16:01
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Spares for NRD-525

Does anyone know if it is possible to get an LR3671D IC for the NRD-525 or if there is an equivalent for it. My rotary tuning has stopped working but the pulses are still going to IC6. I have tried another rotary encoder but it makes no difference.

Thanks for any help.

Ian

_____
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271. Re: NOT The Same old NRD-525

Yahoo group: nrd-525-535
Date: 2003-02-26 19:06:27 UTC
From: rezeiwer <rezeiwer@luukku.com>
Topic: 252 Message: 271

Hi,
something to add, maybe other NRD users have also noticed, that
when listening to SSB audio, you can reduce the hiss noice quite
amuch just activating the notch a little bit, just leaving the pot
from the white section, maybe it just activates the notch and have
somekind of high cut filter not really having the peak notch in
effect.

73 Jarmo
--- In nrd-525-535@yahoogroups.com, "Dallas Lankford" <dallas@b...>
wrote:
> Hi Jarmo,
>
> It was nice to hear from you again. The Eska Plam board was
popular in the late 1980's and 1990's, and many other DXers had good
things to say about it. I always intended to try one of those 8 kHz
BW filters in the 70.455 mHz IF, but never got around to it. Now, of
course, they are no longer available, at least not to the best of my
knowledge. It was interesting to read your remark that the hiss
still exists after the Eska mod in your NRD-535. That agrees with my
findings for NRD-525's. If any new information emerges with regard
to hiss, I will look into it.
>
> Best regards,
>
> Dallas
> ----- Original Message -----
> From: rezeiwer <rezeiwer@l...>
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, February 25, 2003 12:45 AM
> Subject: [nrd-525-535] Re: NOT The Same old NRD-525
>
>
> Hi Dallas,
> yes you're right we were talking slightly different things, what
I
> wanted to say was to offer one good enough solution for serious
> DXing. I think the Eska filter in 1st IF shapens the ultimate
> selectivity still enough. I must admit the hiss still exist, but
as
> most NRD owners I listen AM stations always on SSB mode, the
audio
> is very crisp and the ergonomics and rich features makes this my
DX
> receiver number ONE.

>
> I appreciate your continuos efforts to study this hiss thing,
maybe
> something really can be done to all 525 and 535's.
>
> 73 Jarmo

272. 525

Yahoo group: nrd-525-535
Date: 2003-02-27 17:27:25 UTC
From: Phil Troy <philberttroy@hotmail.com>
Topic: 272 Message: 272

Hello to the group.
I have a couple of questions for you all.
I have a 535d with all the KIWA mods and it is a great radio.
One of my favorites.
My question is regarding the 7 buttons above the tuning knob.
I have greenish led's functioning above ecss, freq, and channel.
The lock led is red. The bandwidth, agc, and tuning rate buttons
have what looks like leds as well but these don't light. I am
assuming this is normal since all the indications of these functions
are on the main display panel as well.
I don't know what the original state of this was and I would like to
change it if need be to the factory settings.

I also have a 525 but this one has a few problems with the little
indicator lights on the front display. The notch, and nb indicators
do not work at all and the pass light seems to come on and off of
it's own free will. I am also pretty sure it could use an alignment
and general check up. Who would be a good choice to send the radio
to for repair???

Thanks in advance for the help.
Phil Troy
Radio-holic with ICOM/JRC dependancies.

273. Re: [nrd-525-535] 525

Yahoo group: nrd-525-535
Date: 2003-02-27 18:55:06 UTC
From: Charles W. Hinkle
Topic: 272 Message: 273

The bandwidth, agc and tuning rate buttons are illuminated when they
are pressed after the memo button is pressed. This changes control of the bandwidith, agc
and tuning rate button functions to the up/down arrow buttons. This is described in the
Operating Controls Section of the manual

Charlie Hinkle
----- Original Message -----
From: Phil Troy <philberttroy@hotmail.com>
To: nrd-525-535@yahoogroups.com
Sent: Thursday, February 27, 2003 12:27 PM
Subject: [nrd-525-535] 525

Hello to the group.
I have a couple of questions for you all.
I have a 535d with all the KIWA mods and it is a great radio.
One of my favorites.
My question is regarding the 7 buttons above the tuning knob.
I have greenish led's functioning above ecss, freq, and channel.
The lock led is red. The bandwidth, agc, and tuning rate buttons
have what looks like leds as well but these don't light. I am
assuming this is normal since all the indications of these functions
are on the main display panel as well.
I don't know what the original state of this was and I would like to
change it if need be to the factory settings.

I also have a 525 but this one has a few problems with the little
indicator lights on the front display. The notch, and nb indicators
do not work at all and the pass light seems to come on and off of
it's own free will. I am also pretty sure it could use an alignment
and general check up. Who would be a good choice to send the radio
to for repair???

Thanks in advance for the help.
Phil Troy
Radio-holic with ICOM/JRC dependancies.

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274. Re: 525

Yahoo group: nrd-525-535
Date: 2003-02-27 19:33:12 UTC
From: Phil Troy <philberttroy@hotmail.com>
Topic: 272 Message: 274

Wow talk about feeling like a world class dumb ass......thanks for
that Charles. I guess I should have read the man. sometime in the
past year...haha. Now if I could just push the magic buttons on the
525.....I'm pretty sure it will not be that easy.
Good Call and Thanks Again
Phil

--- In nrd-525-535@yahoogroups.com, "Charles W. Hinkle" <w8cfo@b...>
wrote:
> The bandwidth, agc and tuning rate buttons are illuminated when
they
> are pressed after the memo button is pressed. This changes
control of the bandwidith, agc and tuning rate button functions to
the up/down arrow buttons. This is described in the Operating
Controls Section of the manual
>
> Charlie Hinkle
> ----- Original Message -----
> From: Phil Troy <philberttroy@h...>
> To: nrd-525-535@yahoogroups.com
> Sent: Thursday, February 27, 2003 12:27 PM
> Subject: [nrd-525-535] 525
>
>
> Hello to the group.
> I have a couple of questions for you all.
> I have a 535d with all the KIWA mods and it is a great radio.
> One of my favorites.
> My question is regarding the 7 buttons above the tuning knob.
> I have greenish led's functioning above ecss, freq, and channel.
> The lock led is red. The bandwidth, agc, and tuning rate buttons
> have what looks like leds as well but these don't light. I am
> assuming this is normal since all the indications of these
functions
> are on the main display panel as well.
> I don't know what the original state of this was and I would
like to
> change it if need be to the factory settings.
>
> I also have a 525 but this one has a few problems with the
little
> indicator lights on the front display. The notch, and nb
indicators
> do not work at all and the pass light seems to come on and off
of

> it's own free will. I am also pretty sure it could use an
alignment
> and general check up. Who would be a good choice to send the
radio
> to for repair???
>
> Thanks in advance for the help.
> Phil Troy
> Radio-holic with ICOM/JRC dependancies.
>
>
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> To unsubscribe from this group, send an email to:
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Service.

275. Mise à jour site NRD525

Yahoo group: nrd-525-535
Date: 2003-03-07 20:22:01 UTC
From: christophe525
Topic: 275 Message: 275

Nouvelles mises à jours NRD525 disponibles sur
http://perso.wanadoo.fr/geip/index.htm

RS232 et dialogue CPU <-> DISPLAY...

276. BWC Problems

Yahoo group: nrd-525-535
Date: 2003-03-08 14:16:25 UTC
From: hshoe0072002
Topic: 276 Message: 276

Need help on BWC. Recently purchased an NRD535 which has a problem with the BWC. If the knob is rotated clockwise more than about 15 degrees from the left stop, the signal very sharply drops out altogether.

Have done a little trouble shooting and observe the following regarding the signals at TP2 and TP3 on the BWC board. The schematic I have lists the desired freqs at these points.

TP2 TP3
Schematic 855 - 856.9 kHz 855-856.1 kHz

Measured 860.1-866 kHz 855-858 kHz

Looks like TP3 is OK but TP2 is off 5 kHz.

Does anyone have experience here ? Are the freq ranges on the schematic accurate ?

If the marked freq ranges are accurate, what could cause the on-board oscillator to be incorrect as it shares the 20 mHz clock with the second oscillator ?

Would certainly appreciate any assistance on this issue.

Thanks,
Hugh
K4KIN

277. BWC Problems

Yahoo group: nrd-525-535
Date: 2003-03-08 15:20:01 UTC
From: hshoe0072002
Topic: 276 Message: 277

More re: my earlier cry for help today.

The NRD535 manual states that the BWC "feature is enabled when the bandwidth is set to INTER, except AM and FM mode".

The INTER bandwidth is where I am having the problem.

However, BWC DOES work in the WIDE bandwidth.

Since I noticed a couple of messages related to ROM version H am wondering if that ROM changed the BWC functionality. Version H definitely is in my radio.

Hugh
K4KIN

278. NRD-525 Mods -- which work and which don't.?

Yahoo group: nrd-525-535
Date: 2003-03-12 18:03:24 UTC
From: pabigelow
Topic: 278 Message: 278

Hello,

I guess in the world of modifications there is a lot of room for snake oil and fiddling around while the true, beneficial modifications can be lost in the crowd.

Which modifications truly result in measurable benefits to the NRD-525?

Best regards,

Paul Bigelow

279. NRD-525 "hiss" / headphones

Yahoo group: nrd-525-535
Date: 2003-03-12 18:25:09 UTC
From: pabigelow
Topic: 279 Message: 279

Hello,

I've been reviewing the recent posts concerning "hiss". I use the JRC ST-3 600ohm headphones and really do not hear much in the way of "hiss" but, I do hear what seems to be some other noise leaking into audio (activate the squelch and turn the volume up when listening to headphones). This noise sounds to me like the power supply from the flourescent display.

To me, the level of "hiss" is related to the sensitivity of the headphones. The dynamic headphones intended for stereo listening these days along with "walkman"-types are incredibly sensitive (say 105db). These headphones can be made to play loudly with tiny opamps where the output is between 5-18mw but to me, they are *way* too sensitive for the output of power amplifiers (1W+, for example) where the noise levels are much higher (say, -90db compared to roughly -120db for common op amps). The sensitive, walkman headphones will have no problem reproducing the internal noise generated by the power amp -- and the volume control setting will make no difference. Unlike "walkmans", JRC uses "real" (sufficient current drive for speakers) power amps to drive the speaker/headphones and these amps are noisier.

While not "hi-fidelity" I find that the JRC ST-3 headphones are a good match for audio capabilities the JRC NRD-525 and NRD-505.

Best regards,

Paul Bigelow

280. I sell NRD 535

Yahoo group: nrd-525-535
Date: 2003-03-13 12:41:31 UTC
From: SWL I5 2369 - Fi
Topic: 280 Message: 280

Hello,

I sell JRC NRD 535 with DSP MFJ 784 for 950,00 Euro.

The receiver finds itself in Florence Italy.

.

I sell in order to acquire JRC NRD 545

Bet's 73

SWL I5 2369 - Firenze

Antonello

281. Re: NRD-525 "hiss" / headphones

Yahoo group: nrd-525-535
Date: 2003-03-13 16:27:04 UTC
From: bjarnemjelde
Topic: 279 Message: 281

I suppose this is a very subjective matter. I have tried the ST-3 phones and did not like them at all. One pair I have found to work superbly with the 525 is the Kenwood HS-6 lightweight phones. They are 12.5 ohm and I find audio recovery to be excellent with little or no "hiss".

For what it's worth.

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway

--- In nrd-525-535@yahoogroups.com, "pabigelow" <pbigelow@u...> wrote:
> Hello,
>
> I've been reviewing the recent posts concerning "hiss". I use the
> JRC ST-3 600ohm headphones and really do not hear much in the way
> of "hiss" but, I do hear what seems to be some other noise leaking
> into audio (activate the squelch and turn the volume up when
> listening to headphones). This noise sounds to me like the power
> supply from the flourescent display.
>
> To me, the level of "hiss" is related to the sensitivity of the
> headphones. The dynamic headphones intended for stereo listening
> these days along with "walkman"-types are incredibly sensitive (say
> 105db). These headphones can be made to play loudly with tiny opamps
> where the output is between 5-18mw but to me, they are *way* too
> sensitive for the output of power amplifiers (1W+, for example) where
> the noise levels are much higher (say, -90db compared to roughly
> -120db for common op amps). The sensitive, walkman headphones will
> have no problem reproducing the internal noise generated by the power
> amp -- and the volume control setting will make no difference. Unlike
> "walkmans", JRC uses "real" (sufficient current drive for speakers)
> power amps to drive the speaker/headphones and these amps are
> noisier.
>
> While not "hi-fidelity" I find that the JRC ST-3 headphones are a
> good match for audio capabilities the JRC NRD-525 and NRD-505.
>

> Best regards,
>
> Paul Bigelow

282. NRD-505 signal meter "bouncing"

Yahoo group: nrd-525-535
Date: 2003-03-13 20:01:04 UTC
From: pabigelow
Topic: 282 Message: 282

Hello,

A bit off topic but would seem to be the only reasonable spot to ask:

If any other member has an NRD-505 have they noticed if the signal strength meter "bounces" with the audio when receiving stations in AM mode? That is, it appears that AGC is varying with the audio.

The movement isn't nearly as much a VU meter but it is quite noticible.

Best regards,

Paul Bigelow

283. Re: NRD-525 "hiss" / headphones

Yahoo group: nrd-525-535
Date: 2003-03-13 23:21:07 UTC
From: craigm55901
Topic: 279 Message: 283

--- In nrd-525-535@yahoogroups.com, "pabigelow" <pbigelow@u...> wrote:
> Hello,
>
> I've been reviewing the recent posts concerning "hiss". I use the
> JRC ST-3 600ohm headphones and really do not hear much in the way
> of "hiss" but, I do hear what seems to be some other noise leaking
> into audio (activate the squelch and turn the volume up when
> listening to headphones). This noise sounds to me like the power
> supply from the flourescent display.
>
> To me, the level of "hiss" is related to the sensitivity of the
> headphones. The dynamic headphones intended for stereo listening
> these days along with "walkman"-types are incredibly sensitive (say
> 105db). These headphones can be made to play loudly with tiny opamps
> where the output is between 5-18mw but to me, they are *way* too
> sensitive for the output of power amplifiers (1W+, for example) where
> the noise levels are much higher (say, -90db compared to roughly
> -120db for common op amps). The sensitive, walkman headphones will
> have no problem reproducing the internal noise generated by the power
> amp -- and the volume control setting will make no difference. Unlike
> "walkmans", JRC uses "real" (sufficient current drive for speakers)
> power amps to drive the speaker/headphones and these amps are
> noisier.
>
> While not "hi-fidelity" I find that the JRC ST-3 headphones are a
> good match for audio capabilities the JRC NRD-525 and NRD-505.
>
> Best regards,
>
> Paul Bigelow

Keep in mind that most amps that can drive speakers and headphones have a dropping resistor to reduce the power to the headphone. In the case of the 525 this is 100 ohms which can be a 20 dB reduction in output when used with low impedance headphones. This will also reduce the noise.

The average walkman does not drive passive speakers.

The output voltage of the 525 cannot deliver much power to 600 ohm headphones.

Another factor is frequency response of the headphones. For communication/voice little above 3-4 kHz is needed. For music one expects more high frequency response and this is where the hiss is.

Just a few other things to consider....

284. NRD 535: Unwanted tuning knob rotation -> easy cure

Yahoo group: nrd-525-535
Date: 2003-03-17 20:02:13 UTC
From: ringmodulator99
Topic: 284 Message: 284

Hello list,

on my NRD 535, I noticed, that the VFO knob did not everytime remain
in his position, after i had tuned the freq.
Instead of this it rotated a little bit, just enough to cause some
detune.

The reason for this is, that the VFO-knob is not well balanced.
In the area where the finger hole is located, the knob is a little
bit
heavier. Having the hole in a 3, or 9 o clock position this can cause
some unwanted rotation so that the hole moves nearer to 6 o clock
position.

My cure:

I took the rubber ring from the VFO knob. It just slides over it.
Then you have access to the screw that holds it on the shaft. Just
loosen the screw and take off the knob.

On the bottom of the knob there are two screws. Removing them allows
you to seperate the two parts the knob consists of.

The plasic part is the one you look at, when you operate the radio.
This has a cavity inside. I just put two blobs of glue inside this
cavity, opposite the finger hole to compensate for the misbalance.

You can check this on a perfect horizontal plane. Just check wether
the knob starts to roll, when you put it on its outer diameter.

After reassembly this problem should be cured, at least on mine it
was
...

Please remember: When you break it, you own both ;-)

Kind regards from Cologne/Germany
vy 73

Chris

285. Re: [nrd-525-535] NRD 535: Unwanted tuning knob rotation -> easy cure

Yahoo group: nrd-525-535
Date: 2003-03-17 22:45:31 UTC
From: Fabrizio Magrone
Topic: 284 Message: 285

Hi Chris,

>My cure:

thank for the info; my knob suffers from the same desease, I'll try your cure.

By the way, with the age the rubber ring of my knob loosened and shifts
around the plastic inner part. I used biadhesive tape to fix the problem,
but does somebody know where I could find a new rubber ring at a reasonable
price?

73

Fabrizio

Fabrizio Magrone, Forli, Italy (JRC NRD-535, ICOM IC-R71, W41PC, 30m lw)
fabrizio.magrone@...
fmagrone@...

286. Control commands on the NRD535

Yahoo group: nrd-525-535
Date: 2003-03-18 11:34:16 UTC
From: cornie1960
Topic: 286 Message: 286

Hi all,

Can anyone give me the control commands for the NRD535? Is there a
user manual available on the WWW?
I am specially interested in the commands on how to set a frequency
and how to read out the S-meter on the 535.

Thanks in advance,

Cornel van Ravenswaaij
Den Dolder
The Netherlands

287. Removal of NRD-525 front panel

Yahoo group: nrd-525-535
Date: 2003-03-18 20:42:51 UTC
From: pabigelow
Topic: 287 Message: 287

Hello,

What socket or tool does one use to loosen/remove the
recessed nuts holding the front panel to the controls?
All the sockets I have do not have a large enough hole
in the center to allow the shaft of the controls to pass
through.

Best regards,

Paul Bigelow

288. NRD-535D ECSS Unit(CMF-78): Calibration Procedure?

Yahoo group: nrd-525-535
Date: 2003-03-18 21:08:01 UTC
From: ringmodulator99
Topic: 288 Message: 288

Hello list,

is there anyone with access to the NRD-535D servicemanual?

I would be very happy if somebody could describe how to tune the ECSS unit (CMF-78) correctly.

It looks like most calibration points are accessible without an extendercard.

I have the schematics from the usermanual at hand.

On my radio the syncing seems to work better, when I tune somewhat above the correct frequency. So maybe some readjustment will help.

Kind regards from Cologne/Germany
55+73

Chris
DJ0MDJ

289. Re: [nrd-525-535] NRD-535D ECSS Unit(CMF-78): Calibration Procedure?

Yahoo group: nrd-525-535
Date: 2003-03-18 22:02:37 UTC
From: Fabrizio Magrone
Topic: 288 Message: 289

Hi Chris,

>I would be very happy if somebody could describe how to tune the ECSS
>unit (CMF-78) correctly.

the adjustment procedure is as follows:

1) Set the receiving frequency to 7.1 MHz and the mode to AM.

2) Connect the signal generator to the antenna and set for a frequency of
7.1 MHz and output level of 40 dB? [if the last letter after dB is
unreadable in my e-mail, it's "mu" for "micro"]

3) Connect the digital voltmeter to TP4 of CMF-78 (ECSS unit).

4) Set the ECSS to ON and adjust RV1 for a voltage of 4.5 V on TP4.

That's it; hope this helps!

73

Fabrizio

290. Re: Removal of NRD-525 front panel / socket found

Yahoo group: nrd-525-535
Date: 2003-03-19 21:45:08 UTC
From: pabigelow
Topic: 287 Message: 290

Hello,

In digging around my tool box again, I found a 12mm socket with a hole large enough to accomodate the shafts. 11mm is probably the right size as the 12mm is rather loose, but 12mm will do as the nuts aren't extremely tight.

Best regards,

Paul Bigelow

--- In nrd-525-535@yahoogroups.com, "pabigelow" <pbigelow@u...> wrote:
> Hello,
>
> What socket or tool does one use to loosen/remove the
> recessed nuts holding the front panel to the controls?
> All the sockets I have do not have a large enough hole
> in the center to allow the shaft of the controls to pass
> through.
>
> Best regards,
>
> Paul Bigelow

291. NRD-525 --> stable as a rock

Yahoo group: nrd-525-535
Date: 2003-03-19 21:52:17 UTC
From: pabigelow
Topic: 291 Message: 291

Hello,

The NRD-525 performs really, really well in ECSS. It is stable
as a HEAVY rock. Can listen to the BBC on 5.975.00Mhz for hours in
either USB or LSB and the NRD-525 stays put. As far as pitch
is concerned, the NRD-525 can be switched from USB to LSB and AM
and there is no change in pitch -- the receiver does not have to be
retuned.

Best regards,

Paul Bigelow

292. 525 Synchronous detection?

Yahoo group: nrd-525-535
Date: 2003-03-21 07:03:36 UTC
From: Bjarne Mjelde
Topic: 292 Message: 292

Just got a 525G (German/European version I have been told, sometimes referred to as 525DG) from Germany, it is very late production (s/n > 54000) and works perfect.

What puzzled me was that some eBay sellers have claimed this to have sync detection. The German manual that accompanied the radio did indeed state that so was the case. I find this hard to believe. First, it must be totally transparent (like the Racal RA6790/GM), since there is no sync control button or switch; second, why aren't non-German/European versions equipped with this feature?

I have done some comparisons with another 525 I own (US-import s/n > 52000 so quite new). I could not hear any difference in audio quality that could be traced back to one of them having a sync detector. Can anyone shed some light on this?

After 30 years of DX-ing I finally discovered the qualities of the 525 last year. Now I can't have too many 525's!!

Bjarne Mjelde
Berlevag, Arctic Norway

293. Re: NRD-535D ECSS Unit(CMF-78): Calibration Procedure?

Yahoo group: nrd-525-535
Date: 2003-03-21 10:58:54 UTC
From: ringmodulator99
Topic: 288 Message: 293

Hello Fabrizio,

thank you for your fast reply!
I will check this on the weekend.

There are some other ajustmentpoints on this board.
Do you know more on this?

You can also contact me directly as
junkbox(at)arcor(dot)de

vy 73
Chris
DJ0MDJ

--- In nrd-525-535@yahoogroups.com, Fabrizio Magrone
<fabrizio.magrone@t...> wrote:
> Hi Chris,
>
> >I would be very happy if somebody could describe how to tune the
ECSS
> >unit (CMF-78) correctly.
>
> the adjustment procedure is as follows:
>
> 1) Set the receiving frequency to 7.1 MHz and the mode to AM.
>
> 2) Connect the signal generator to the antenna and set for a
frequency of
> 7.1 MHz and output level of 40 dBµ [if the last letter after dB is
> unreadable in my e-mail, it's "mu" for "micro"]
>
> 3) Connect the digital voltmeter to TP4 of CMF-78 (ECSS unit).
>
> 4) Set the ECSS to ON and adjust RV1 for a voltage of 4.5 V on TP4.
>
> That's it; hope this helps!
>
> 73
>
> Fabrizio

294. Re: [nrd-525-535] Control commands on the NRD535

Yahoo group: nrd-525-535
Date: 2003-03-21 15:05:01 UTC
From: Hugh L. Shoemaker
Topic: 286 Message: 294

Sir,

The commands for the NRD535 occupy 8 pages of the manual. That is too much to type.
However, if you send me your mailing address, I will photo-copy the pages and mail them to you.

Hugh
K4KIN

295. Re: 525 Synchronous detection?

Yahoo group: nrd-525-535
Date: 2003-03-21 21:23:53 UTC
From: kness42
Topic: 292 Message: 295

Bjarne,

Whatever differences there might be between the 525 and 525G, I doubt these include the demodulating circuit, which includes a form of synchronous detection. I recall having read a lucid explanation of the different types of synchronous detection, including the type used in the 525. Unfortunately, I can't recall the explanation itself (creeping Alzheimers?), and couldn't find it by googling.

A couple of references:

JRC:
"In case of AM detection, the demodulating circuit takes out the carrier component from the receiving signal and operates as a synchronous detector."

Rainer Lichter:
"The synchronous detector is always activated in the AM mode of operation, so you should adjust the PBT control to the less distorted portion of the signal. But normally a setting to either the 11 o'clock (LSB) or 1 o'clock (USB) position will do nicely."

Whatever, I still use the Sherwood with my 525 (as well as with my Palstar at times).

I trust a technically competent group member will shed more light on this matter.

Hilsen fra Brooklyn,
Ken Ness

--- In nrd-525-535@yahoogroups.com, "Bjarne Mjelde" <bjarne.mjelde@m...> wrote:
> Just got a 525G (German/European version I have been told, sometimes
> referred to as 525DG) from Germany, it is very late production (s/n
> > 54000) and works perfect.
>
> What puzzled me was that some eBay sellers have claimed this to have
> sync detection. The German manual that accompanied the radio did
> indeed state that so was the case. I find this hard to believe.
> First, it must be totally transparent (like the Racal RA6790/GM),
> since there is no sync control button or switch; second, why aren't
> non-German/European versions equipped with this feature?
>
> I have done some comparisons with another 525 I own (US-import s/n

>
> 52000 so quite new). I could not hear any difference in audio
> quality that could be traced back to one of them having a sync
> detector. Can anyone shed some light on this?
>
> After 30 years of DX-ing I finally discovered the qualities of the
> 525 last year. Now I can't have too many 525's!!
>
> Bjarne Mjelde
> Berlevag, Arctic Norway

296. Re: [nrd-525-535] 525 Synchronous detection?

Yahoo group: nrd-525-535
Date: 2003-03-21 21:24:14 UTC
From: Valveman
Topic: 292 Message: 296

My 525 does not have AM Sync.

Bjarne Mjelde <bjarne.mjelde@...> wrote:Just got a 525G (German/European version I have been told, sometimes
referred to as 525DG) from Germany, it is very late production (s/n
> 54000) and works perfect.

What puzzled me was that some eBay sellers have claimed this to have
sync detection. The German manual that accompanied the radio did
indeed state that so was the case. I find this hard to believe.
First, it must be totally transparent (like the Racal RA6790/GM),
since there is no sync control button or switch; second, why aren't
non-German/European versions equipped with this feature?

I have done some comparisons with another 525 I own (US-import s/n >
52000 so quite new). I could not hear any difference in audio
quality that could be traced back to one of them having a sync
detector. Can anyone shed some light on this?

After 30 years of DX-ing I finally discovered the qualities of the
525 last year. Now I can't have too many 525's!!

Bjarne Mjelde
Berlevag, Arctic Norway

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297. Re: [nrd-525-535] Re: NRD-535D ECSS Unit(CMF-78): Calibration Procedure?

Yahoo group: nrd-525-535
Date: 2003-03-21 21:43:35 UTC
From: Fabrizio Magrone
Topic: 288 Message: 297

Hi Chris,

>There are some other ajustmentpoints on this board.
>Do you know more on this?

no; the service manual describes only the adjustment procedure I posted in my message. In the schematics there are several test points and a few adjustments, but nothing is explained about them.
The important points seem to be: RV1 (VCO), L2 (-45? phase adj.), L3 (+45? phase adj.), RV2 (balance), RV3 (LSB out) and RV4 (USB out), but JRC gives no information about them.

The manual says: "The ECSS unit is composed of a limiter-amplifier, synchronous carrier generator, mixer, phase shifter, adder-subtractor circuit and demodulated signal switch-over circuit.
The IC1 forms a limiter-amplifier, which amplifies the third IF signal of 97 kHz. The amplified signal is fed to the PLL circuit of IC2, wherein a carrier synchronous with the carrier of the AM wave is reproduced. This PLL circuit employs a 90?-type phase comparator, wherein the capture range of the PLL has been set approximately for +/- 1 kHz enough to ensure a good RF interference suppression effect. The reproduced carrier is fed to the phase shifters of +45? and -45?, the outputs of which are then fed to the mixers of IC3 and IC4, respectively.
In the mixers of IC3 and IC4, the carriers are mixed with the third IF signal of 97 kHz, and the outputs of these mixers are fed through the AF phase shifters to the adder-subtractor circuit of IC7. The adder circuit provides a USB component of the input signal while the subtractor circuit provides an LSB component of the signal".

If you need some scans or photocopies from the service manual, just ask.

73

Fabrizio IK4MTG

298. Re: 525 Synchronous detection?

Yahoo group: nrd-525-535
Date: 2003-03-21 23:37:31 UTC
From: craigm55901
Topic: 292 Message: 298

--- In nrd-525-535@yahoogroups.com, Valveman <valveman_6146@y...> wrote:
>
> My 525 does not have AM Sync.
>

From the 525 Manual, "The demodulator SN16913 works as a synchronous detector in the AM mode, and works as a product detector in any other mode."

From the schematic in the manual, IC1 is the SN16913 product detector and the reconstituted carrier comes from the IF signal amplified by transistors TR8, TR9 and TR10.

The only envelope detectors are for the AGC.

Craig

299. Re: [nrd-525-535] Re: 525 Synchronous detection?

Yahoo group: nrd-525-535
Date: 2003-03-21 23:50:40 UTC
From: Valveman
Topic: 292 Message: 299

Is that written in the manual. Unfortuanately I do not have a manual. In any event that sounds like an intereating trick to make the demodulator also a sync detector. I've never heard of that but that does not mean it's no so!
Robert VE3RPF

craigm55901 <camenning@...> wrote:--- In nrd-525-535@yahoogroups.com, Valveman <valveman_6146@y...> wrote:
>
> My 525 does not have AM Sync.
>

From the 525 Manual, "The demodulator SN16913 works as a synchronous detector in the AM mode, and works as a product detector in any other mode."

From the schematic in the manual, IC1 is the SN16913 product detector and the reconstituted carrier comes from the IF signal amplified by transistors TR8, TR9 and TR10.

The only envelope detectors are for the AGC.

Craig

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300. [nrd-525-535] AGC problem Need Help!!!

Yahoo group: nrd-525-535
Date: 2003-03-21 23:56:41 UTC
From: Valveman
Topic: 292 Message: 300

Since we are on the subject of the 525, I have an interesting problem with mine. Anytime I select AGC, the receive dies and the S meter goes full scale. The only way I can receive anything is if AGC is off. I've reseated the boards. Perhaps the transistor in the AGC line is pulling the receive to gnd. Also if the radio is on for a while, an hour or so the audio disappears. I don't have any schematics.
Has anyone come across this problem and can someone direct me to where I can download of get ahold of some schematics?
Regards,
Robert VE3RPF

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301. Re: NRD-535D ECSS Unit(CMF-78): Calibration Procedure?

Yahoo group: nrd-525-535
Date: 2003-03-22 17:17:22 UTC
From: ringmodulator99
Topic: 288 Message: 301

Hello Fabrizio,

thank you very much for your input!

The adjustment of RV1 to 4.5 V on TP4 solved the problem.
The RV1 is somhow very sensitive to adjust, but with some patience the
right setting can be found.

--- In nrd-525-535@yahoogroups.com, Fabrizio Magrone
<fabrizio.magrone@t...> wrote:
> Hi Chris,
>
> >There are some other ajustmentpoints on this board.
> >Do you know more on this?
>
> no; the service manual describes only the adjustment procedure I
posted in
> my message. In the schematics there are several test points and a
few
> adjustments, but nothing is explained about them.
> The important points seem to be: RV1 (VCO), L2 (-45° phase adj.), L3
(+45°
> phase adj.), RV2 (balance), RV3 (LSB out) and RV4 (USB out), but JRC
gives
> no information about them.
>
> The manual says: "The ECSS unit is composed of a limiter-amplifier,
> synchronous carrier generator, mixer, phase shifter,
adder-subtractor
> circuit and demodulated signal switch-over circuit.
> The IC1 forms a limiter-amplifier, which amplifies the third IF
signal of
> 97 kHz. The amplified signal is fed to the PLL circuit of IC2,
wherein a
> carrier synchronous with the carrier of the AM wave is reproduced.
This PLL
> circuit employs a 90°-type phase comparator, wherein the capture
range of
> the PLL has been set approximately for +/- 1 kHz enough to ensure a
good RF
> interference suppression effect. The reproduced carrier is fed to
the phase
> shifters of +45° and -45°, the outputs of which are then fed to the
mixers
> of IC3 and IC4, respectively.
> In the mixers of IC3 and IC4, the carriers are mixed with the third

IF
> signal of 97 kHz, and the outputs of these mixers are fed through
the AF
> phase shifters to the adder-subtractor circuit of IC7. The adder
circuit
> provides a USB component of the input signal while the subtractor
circuit
> provides an LSB component of the signal".
>
> If you need some scans or photocopies from the service manual, just
ask.
>
> 73
>
> Fabrizio IK4MTG

302. Re: [nrd-525-535] Re: NRD-535D ECSS Unit(CMF-78): Calibration Procedure?

Yahoo group: nrd-525-535
Date: 2003-03-22 21:26:06 UTC
From: Fabrizio Magrone
Topic: 288 Message: 302

Hi Chris,

>The adjustment of RV1 to 4.5 V on TP4 solved the problem.
>The RV1 is somhow very sensitive to adjust, but with some patience the
>right setting can be found.

great! Did you use a signal generator or simply adjusted the circuit using
a station on about 7.1 MHz and your ears?

73

Fabrizio

303. NRD software availability

Yahoo group: nrd-525-535
Date: 2003-03-22 22:08:14 UTC
From: wayne tun
Topic: 303 Message: 303

HI all.

I am new to the group today & to the NRD-345,infact i only bought the receiver from a friend last night & was wondering where can i get hold of the software to computer control the receiver.Are their any websites were i might be able to download any 3rd party software for it,if not can anybody tell me how mutch the software is to buy commercialy.Also is the serial cable a specialy made one or can you use any suitable cable that is available in local computer outlets.Any help on these subjects would be gratefully apreciated.I paid ?250.00 for the RX,it is boxed with instruction manual & NRD power supply & is in good condition apart from a few minor scratches on top of the receiver,is this price about right for a second hand NRD-345 or have i paid over the odds for it???.

Regards.....

Wayne.... QTH Manchester.

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304. Re: NRD-535D ECSS Unit(CMF-78): Calibration Procedure?

Yahoo group: nrd-525-535
Date: 2003-03-23 17:46:39 UTC
From: ringmodulator99
Topic: 288 Message: 304

Hi Fabrizio,

I also own a Kenwood TS-440S Transeiver. I keyed it with 5W into a dummyload on 7.1 MHz and used a short piece of wire in the antenna input of the 535 so that the s-meter of the 535 showed abt 9+15db.

I found that the signal strength is not that critical.

The adjustment may possibly also be done by try and error, but I would not recommend it.

So when your NRD locks better slightly above or below the known frequency of a radio station the readjustment may correct this (if everything else is OK).

I found also, that (at least on my unit) the ability to correctly sync and to stay synced (ECSS-mode)depends on the temperature, so let the unit warm up for half an hour or so befor you adjust something.

Again, thank you very much for your help Fabrizio!

vy73
Chris
Dj0mdj

> great! Did you use a signal generator or simply adjusted the circuit
using
> a station on about 7.1 MHz and your ears?
>
> 73
>
> Fabrizio

305. New Group Owner/Moderator needed.

Yahoo group: nrd-525-535
Date: 2003-03-29 13:50:32 UTC
From: Paul Cady
Topic: 305 Message: 305

I had to sell my beloved 525 and further will be unavailable to be owner of this group as I won't be online sufficiently.

So, a new group owner is needed. This would only involve monitoring the messages and keeping a backup of the Files section. Its an extremely low maintenance, self sustaining group with a great bunch of people involved so monitoring to-date has been a problem-free pleasure.

I'd only ask that the group policy continue that messages be un-moderated and uncensored and that only an unrepentent abuser be booted (in the unlikely event that occurred).

Send me a note if you have the time and inclination to take over.
Cheers,
-Paul Cady
nrd-525-535 Owner/Moderator
Former (sniff, sniff) 525 owner.
Left only with a old Sony SW-55

306. Re: [nrd-525-535] AGC problem Need Help!!!

Yahoo group: nrd-525-535
Date: 2003-03-30 09:46:40 UTC
From: axel.lehmann@t-online.de
Topic: 292 Message: 306
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Robert,

I can't cure your problem, but I own the full service Manual of the NRD-525. I scanned it, but it's a bunch of MBs!

I enclose the part with the AGC. Hope, it helps.

Regards - Axel

307. Re: [nrd-525-535] AGC problem Need Help!!!

Yahoo group: nrd-525-535
Date: 2003-03-30 15:44:39 UTC
From: Valveman
Topic: 292 Message: 307

Thank you Alex for taking the time to do this for me. At least now I have a place to start and troubleshoot.
I may have to find an extender board or try and make one.
Regards,
Robert VE3RPF

axel.lehmann@... wrote:Hello Robert, I can't cure your problem, but I own the full service Manual of the NRD-525. I scanned it, but it's a bunch of MBs! I enclose the part with the AGC. Hope, it helps. Regards - Axel
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> ATTACHMENT part 2 application/pdf name=CAE-182.pdf

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308. Re: [nrd-525-535] AGC problem Need Help!!!

Yahoo group: nrd-525-535
Date: 2003-03-30 15:46:51 UTC
From: Valveman
Topic: 292 Message: 308

Hi Alex;
Would it be possible to burn the manual on a CD and mail it? I could send you some money for the trouble.
Regards,
Robert VE3RPF

axel.lehmann@... wrote:Hello Robert, I can't cure your problem, but I own the full service Manual of the NRD-525. I scanned it, but it's a bunch of MBs! I enclose the part with the AGC. Hope, it helps. Regards - Axel
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> ATTACHMENT part 2 application/pdf name=CAE-182.pdf

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309. Re: NRD Mods (NOT The Same old NRD-525)

Yahoo group: nrd-525-535
Date: 2003-04-02 17:45:17 UTC
From: ringmodulator99
Topic: 252 Message: 309

Hello,

in south germany, there is a company specialized
on the NRD radios. They do quite elaborate and intense modifications
for the NRDs.

They also sell the filtermodification for the first IF. They have a
quartzfilter especially designed for this purpose with almost
sensational specs.

They also have their own pluginboards for the NRDs and also sell the
PLAM (ESKA)

They are almost impossible to find online, their page is:

http://comtumi.de/puehler-electronic
Just click on the radio and you can find a lit of some mods under
"Produkte"

I can recommend their paper catalogue (the webpage is not that
informative). It is really interesting with lots of diagrams,
schematics, explanations and reviews (party in german).

I havent dealt with them yet, only orderd the catalog.
At least in germany they are very well recognised,
because of the pro-quality of their mods.

vy73
Chris

--- In nrd-525-535@yahoogroups.com, "Dallas Lankford" <dallas@b...>
> wrote:
> > Hi Jarmo,
> >
> > It was nice to hear from you again. The Eska Plam board was
> popular in the late 1980's and 1990's, and many other DXers had good
> things to say about it. I always intended to try one of those 8 kHz
> BW filters in the 70.455 mHz IF, but never got around to it. Now,
of
> course, they are no longer available, at least not to the best of my
> knowledge. It was interesting to read your remark that the hiss
> still exists after the Eska mod in your NRD-535. That agrees with
my
> findings for NRD-525's. If any new information emerges with regard
> to hiss, I will look into it.
> >
> > Best regards,

> >
> > Dallas
> > ----- Original Message -----
> > From: rezeiwer <rezeiwer@l...>
> > To: nrd-525-535@yahoogroups.com
> > Sent: Tuesday, February 25, 2003 12:45 AM
> > Subject: [nrd-525-535] Re: NOT The Same old NRD-525
> >
> >
> > Hi Dallas,
> > yes you're right we were talking slightly different things,
what
> I
> > wanted to say was to offer one good enough solution for serious
> > DXing. I think the Eska filter in 1st IF shapens the ultimate
> > selectivity still enough. I must admit the hiss still exist,
but
> as
> > most NRD owners I listen AM stations always on SSB mode, the
> audio
> > is very crisp and the ergonomics and rich features makes this my
> DX
> > receiver number ONE.
> >
> > I appreciate your continuos efforts to study this hiss thing,
> maybe
> > something really can be done to all 525 and 535's.
> >
> > 73 Jarmo

310. Re: NRD Mods (NOT The Same old NRD-525)

Yahoo group: nrd-525-535
Date: 2003-04-02 21:35:20 UTC
From: Alberto di Bene
Topic: 252 Message: 310

>
>
>http://comtumi.de/puehler-electronic
>Just click on the radio and you can find a lit of some mods under
>"Produkte"
>
>
>
Where is the link "Produkte" on that page ?
I don't find it... thanks.

73 Alberto I2PHD

311. Re: NRD Mods (NOT The Same old NRD-525)

Yahoo group: nrd-525-535
Date: 2003-04-02 21:46:17 UTC
From: Alberto di Bene
Topic: 252 Message: 311

>
>
>http://comtumi.de/puehler-electronic
>Just click on the radio and you can find a lit of some mods under
>"Produkte"
>
>
>
Never mind, I found it..... I had to use IExplorer..... with Netscape
that menu of choices
did not show.... talk of compatibility and standardization...:-(

73 ALberto I2PHD

312. Pühler Electronic mailadress:

Yahoo group: nrd-525-535
Date: 2003-04-03 13:35:17 UTC
From: ringmodulator99
Topic: 312 Message: 312

Due to the requests I received:

There seems to be a wrong link for the contact mailadress.

The adress:

PeterPuehler@...

should work (at least id did one week ago).

Seems to be due to the special german letter "ü" which is not allowed
to be used in a mailadress and has to be converted to "ue"

vy73
Chris

313. Re: [nrd-525-535] Pühler Electronic mailadress:

Yahoo group: nrd-525-535
Date: 2003-04-03 15:16:03 UTC
From: Bjarne Mjelde
Topic: 312 Message: 313

P?hler sends his 63-page catalogue for 5 Euro/USD + shipping (in my case 4 extra Euro/USD). Not a very modest claim. I remember statements some years ago about P?hler's mods being very expensive; indeed his catalogue is a good start!
Regards,
Bjarne Mjelde
Berlevag, Arctic Norway

> Due to the requests I received:
>
> There seems to be a wrong link for the contact mailadress.
>
> The adress:
>
> PeterPuehler@...
>
> should work (at least id did one week ago).
>
> Seems to be due to the special german letter "?" which is not allowed
> to be used in a mailadress and has to be converted to "ue"
>
> vy73
> Chris
>
>
> ------------------------ Yahoo! Groups Sponsor
> ----------------------~--> Save Smiley. Help put Messenger back in the
> office.
> http://us.click.yahoo.com/4PqtEC/anyFAA/i5gGAA/ELTolB/TM
> ---~->
>
> To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
>
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/

315. Finnish Website

Yahoo group: nrd-525-535
Date: 2003-04-11 16:08:10 UTC
From: ringmodulator99
Topic: 315 Message: 315

Hello Group,

there is a Finnish website on:

http://koti.mbnet.fi/~ijl/nrd535.html

which probably has some interesting infos aout the 525 and 535.

Sadly I do no understan a single word of Finnish.

Is there somebody able to translate it for us?

This has been discussed in this list some years ago, but the link
given there is not valid.

vy73
Chris

316. Vs: [nrd-525-535] Finnish Website

Yahoo group: nrd-525-535
Date: 2003-04-11 17:16:30 UTC
From: Harry Forsblom
Topic: 316 Message: 316

The web page is about the Finnish Ilpo Leppänen's rather old modification advice for NRD 525 and 535, mostly concerning the eliminating of the harmful diodes, replacing the filters with (supposdedly) more relevant ones, improving the attack constants of the AGC and improving the sensitivity in the PASS-mode.
But as for replacing the filters and carrying out the AGC mod., we must keep in mind that there are competing opinions like those of Dallas Lankford's, a member of this groop who has his own important views about preserving mostly the original filters, and carrying out the AGC-mod in a different way. 73's Harry Forsblom, Helsinki, Finland
----- Original Message -----
From: ringmodulator99
To: nrd-525-535@yahoogroups.com
Sent: Friday, April 11, 2003 7:08 PM
Subject: [nrd-525-535] Finnish Website

Hello Group,

there is a Finnish website on:

http://koti.mbnet.fi/~ijl/nrd535.html

which probably has some interesting infos aout the 525 and 535.

Sadly I do no understan a single word of Finnish.

Is there somebody able to translate it for us?

This has been discussed in this list some years ago, but the link
given there is not valid.

vy73
Chris

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317. Back to Pühler Electronic

Yahoo group: nrd-525-535
Date: 2003-04-12 16:11:11 UTC
From: Bjarne Mjelde
Topic: 317 Message: 317

I received the price list and a 64-p leaflet from PE today. Thought I'd give you some impressions of what is offered, although I'm not very good at electronics, nor in German.

The leaflet starts with several articles from RADIOhören & Scannen regarding a battery drive for the 545, several active antennas manufactured by PE, and internal mods for the NRD-series + the Lowe HF-150.

His mods are outlined here:
1st IF filter replacement (5.5 kHz at -6dB), this is a 6-pole type MQF 70,455 - 0500/3. This is a 295 Euro mod!
2nd IF filter replacement (FL2 cascade) is a MuRata CFK ceramic, 10 kHz at -6dB. Costs a "mere" 70 Euro.
Suites of mods including a new filter board with all stock filters replaced, the ESKA AGC-mod, ESKA-PLAM (alone a 295 Euro mod).

PE also manufactures a suite of active antennas:
The NSAA, designed for the NRD-series, at 955 Euro.
The vertically polarized broadband HVBA at 375 euro, and
the Dipol 3-160 MHz horisontally polarized at 445 Euro.

The "price list" does not seem to contain any copyright notices, so I will post this as a graphic file some time during the weekend.

All the above mods, together with the HVBA antenna, is available as a package it seems (including a Collins 4 kHz mech.filter, an Icom FL44 2.4 kHz, a 1 kHz and a 0.3 or 0.5 kHz filter. This package is priced at 1950 Euro including German VAT. I don't think the receiver itself is included in this...

I don't know who buys the PE mods. I would believe not the average hobbyist. Question is: Would a PE-modified 525 or 535 hear stations that an unmodified 525 or 535 wouldn't? No, I don't think so either.

Bjarne Mjelde
Berlevag,
Arctic Norway

318. MINT JRC NRD-525 FS

Yahoo group: nrd-525-535
Date: 2003-04-13 03:30:54 UTC
From: ak7dx
Topic: 318 Message: 318

With matching NVA-88 Speaker, MINT shape, New memory battery.
Original owner radio has been stored in a Military specialized radio
container for 8 years. Original manual. NO MODS all original.
$500 + Shipping from Boise, Idaho 83713

Est weight 25 Lbs.

319. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2003-04-13 10:01:37 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 319

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /PE_pricelist1.jpg
Uploaded by : bjarnemjelde <bjarne.mjelde@...>
Description : P?hler Electronics Pricelist

You can access this file at the URL

http://groups.yahoo.com/group/nrd-525-535/files/PE_pricelist1.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

bjarnemjelde <bjarne.mjelde@...>

320. Re: Vs: [nrd-525-535] Finnish Website

Yahoo group: nrd-525-535
Date: 2003-04-13 18:56:32 UTC
From: ringmodulator99
Topic: 316 Message: 320

Hello Harry,

thanks for your input!

Is there a resource, where I can find more about the mods suggested
by
Dallas Lankford?

(yes I have read through the old mails on the list)

I am interested in the mentioned AGC mod and experiences abt changing
the inductors around the IF-Filters.

VY73
Chris, Cologne/Germany

--- In nrd-525-535@yahoogroups.com, "Harry Forsblom"
<harry.forsblom@p...> wrote:
> The web page is about the Finnish Ilpo Leppänen's rather old
modification advice for NRD 525 and 535, mostly concerning the
eliminating of the harmful diodes, replacing the filters with
(supposdedly) more relevant ones, improving the attack constants of
the AGC and improving the sensitivity in the PASS-mode.
> But as for replacing the filters and carrying out the AGC
mod.,
we must keep in mind that there are competing opinions like those of
Dallas Lankford's, a member of this groop who has his own important
views about preserving mostly the original filters, and carrying out
the AGC-mod in a different way. 73's Harry Forsblom, Helsinki,
Finland
>
>
>
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Service.

321. Vs: Vs: [nrd-525-535] Finnish Website

Yahoo group: nrd-525-535
Date: 2003-04-13 19:24:12 UTC
From: Harry Forsblom
Topic: 321 Message: 321

I got my share of the very useful information about those mods from the active Norwegian member of this group, Bjarne Mjelde. 73's Harry
----- Original Message -----
From: ringmodulator99
To: nrd-525-535@yahoogroups.com
Sent: Sunday, April 13, 2003 9:56 PM
Subject: Re: Vs: [nrd-525-535] Finnish Website

Hello Harry,

thanks for your input!

Is there a resource, where I can find more about the mods suggested by
Dallas Lankford?

(yes I have read through the old mails on the list)

I am interested in the mentioned AGC mod and experiences abt changing the inductors around the IF-Filters.

VY73
Chris, Cologne/Germany

--- In nrd-525-535@yahoogroups.com, "Harry Forsblom" <harry.forsblom@p...> wrote:
> The web page is about the Finnish Ilpo Leppänen's rather old modification advice for NRD 525 and 535, mostly concerning the eliminating of the harmful diodes, replacing the filters with (supposdedly) more relevant ones, improving the attack constants of the AGC and improving the sensitivity in the PASS-mode.
> But as for replacing the filters and carrying out the AGC mod.,
we must keep in mind that there are competing opinions like those of Dallas Lankford's, a member of this groop who has his own important views about preserving mostly the original filters, and carrying out the AGC-mod in a different way. 73's Harry Forsblom, Helsinki, Finland
>
>
>
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322. Re: Vs: [nrd-525-535] Finnish Website

Yahoo group: nrd-525-535
Date: 2003-04-13 20:33:53 UTC
From: Dallas Lankford
Topic: 316 Message: 322

Hi Chris,

Send me your e-mail address and I will try to scan the information you want and e-mail it to you as an attachment. I just purchased a scanner today, and haven't tried to use it yet.

Best regards,

Dallas
----- Original Message -----
From: ringmodulator99
To: nrd-525-535@yahoogroups.com
Sent: Sunday, April 13, 2003 1:56 PM
Subject: Re: Vs: [nrd-525-535] Finnish Website

Hello Harry,

thanks for your input!

Is there a resource, where I can find more about the mods suggested
by
Dallas Lankford?

(yes I have read through the old mails on the list)

I am interested in the mentioned AGC mod and experiences abt changing
the inductors around the IF-Filters.

VY73
Chris, Cologne/Germany

--- In nrd-525-535@yahoogroups.com, "Harry Forsblom"
<harry.forsblom@p...> wrote:
> The web page is about the Finnish Ilpo Leppänen's rather old
modification advice for NRD 525 and 535, mostly concerning the
eliminating of the harmful diodes, replacing the filters with
(supposdedly) more relevant ones, improving the attack constants of
the AGC and improving the sensitivity in the PASS-mode.
> But as for replacing the filters and carrying out the AGC
mod.,
we must keep in mind that there are competing opinions like those of
Dallas Lankford's, a member of this groop who has his own important
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the AGC-mod in a different way. 73's Harry Forsblom, Helsinki,
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323. AGC mod for 525

Yahoo group: nrd-525-535
Date: 2003-04-13 21:32:23 UTC
From: Thomas Nilsson
Topic: 323 Message: 323

It is interesting to read the threads in this group regarding different modifications for the NRD 525.

I have been modifying several 525 during the years and the most important mod is changing the AGC which gives you the feeling to have a new receiver.

I just want to give you a good advice - follow and trust the informations given by Dallas Lankford for both modification of filters and especially AGC.
There are several articles about his mods given in DX-News and DX-Monitor during recent years.

Regards
Thomas Nilsson, editor of SWB

324. Vs: Vs: [nrd-525-535] Finnish Website

Yahoo group: nrd-525-535
Date: 2003-04-14 07:16:00 UTC
From: Harry Forsblom
Topic: 321 Message: 324

I can try to help Chris and others by telling how my NRD 525 has been quite recently modified along Dallas Lankford's principles. The results were extremely good. 1) Filters: Nothing was done to FL1 and FL2. As for the filters WIDE and INTER, toroid choke inducturs varying from 330 microhenry to 220 microhenry were added. To the empty places in NARROW and AUX, two new filters were added, in my case JRC's own crystal filter (2.4 khz) to NARROW and a SSB crystal filter (2.0 khz) intended to an amateur Yaesu rx to AUX. For both the NARROW and AUX filters, 220 microhenry toroid choke inductors were added. The JRC filter did not need other kind of matching but the Yaesu filter needed capacitors and unconventional placing and soldering. 2) The AGC mod: Dallas' "mod 2" was carried out. Its principle is that the SSB AGC is made to work in AM, too. On top of that, we raised the level of the AGC threshold considerably in my rx - this can very easily be done to suit every listener's individual needs observing both the very weak and very strong signals and striking a balance between them. This improves the S+N/N in AM very much. 3) the harmful diodes were eliminated along the principles of the Finn Ilpo Leppänen, and gas discharge tubes were added.
The end result as for the filters, their selectivity and the sound quality is excellent. Also the sensitívity is excellent. The 2.4 crystal filter in NARROW and the 2.0 SSB filter in AUX are superb, but also the INTER and WIDE filters are excellent, very selective and quiet indeed. The sound quality of all the filters and in all modes are excellent and the S+N/N in AM (and also in SSB) is clearly far better than before the mod. This is a filter choice suited to real dx-ing and I expect very good results. 73's Harry.
----- Original Message -----
From: Dallas Lankford
To: nrd-525-535@yahoogroups.com
Sent: Sunday, April 13, 2003 11:33 PM
Subject: Re: Vs: [nrd-525-535] Finnish Website

Hi Chris,

Send me your e-mail address and I will try to scan the information you want and e-mail it to you as an attachment. I just purchased a scanner today, and haven't tried to use it yet.

Best regards,

Dallas
----- Original Message -----
From: ringmodulator99
To: nrd-525-535@yahoogroups.com
Sent: Sunday, April 13, 2003 1:56 PM
Subject: Re: Vs: [nrd-525-535] Finnish Website

Hello Harry,

thanks for your input!

Is there a resource, where I can find more about the mods suggested
by

Dallas Lankford?

(yes I have read through the old mails on the list)

I am interested in the mentioned AGC mod and experiences abt changing the inductors around the IF-Filters.

VY73
Chris, Cologne/Germany

--- In nrd-525-535@yahoogroups.com, "Harry Forsblom" <harry.forsblom@p...> wrote:
> The web page is about the Finnish Ilpo Leppänen's rather old modification advice for NRD 525 and 535, mostly concerning the eliminating of the harmful diodes, replacing the filters with (supposdedly) more relevant ones, improving the attack constants of the AGC and improving the sensitivity in the PASS-mode.
> But as for replacing the filters and carrying out the AGC mod.,
we must keep in mind that there are competing opinions like those of Dallas Lankford's, a member of this groop who has his own important views about preserving mostly the original filters, and carrying out the AGC-mod in a different way. 73's Harry Forsblom, Helsinki, Finland
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325. VI: Vs: [nrd-525-535] Finnish Website

Yahoo group: nrd-525-535
Date: 2003-04-14 07:35:10 UTC
From: Harry Forsblom
Topic: 325 Message: 325

I can try to help Chris and others by telling how my NRD 525 has been quite recently modified along Dallas Lankford's principles. The results were extremely good. 1) Filters: Nothing was done to FL1 and FL2. As for the filters WIDE and INTER, toroid choke inducturs varying from 330 microhenry to 220 microhenry were added. To the empty places in NARROW and AUX, two new filters were added, in my case JRC's own crystal filter (2.4 khz) to NARROW and a SSB crystal filter (2.0 khz) intended to an amateur Yaesu rx to AUX. For both the NARROW and AUX filters, 220 microhenry toroid choke inductors were added. The JRC filter did not need other kind of matching but the Yaesu filter needed capacitors and unconventional placing and soldering. 2) The AGC mod: Dallas' "mod 2" was carried out. Its principle is that the SSB AGC is made to work in AM, too. On top of that, we raised the level of the AGC threshold considerably in my rx - this can very easily be done to suit every listener's individual needs observing both the very weak and very strong signals and striking a balance between them. This improves the S+N/N in AM very much. 3) the harmful diodes were eliminated along the principles of the Finn Ilpo Leppänen, and gas discharge tubes were added.
The end result as for the filters, their selectivity and the sound quality is excellent. Also the sensitívity is excellent. The 2.4 crystal filter in NARROW and the 2.0 SSB filter in AUX are superb, but also the INTER and WIDE filters are excellent, very selective and quiet indeed. The sound quality of all the filters and in all modes are excellent and the S+N/N in AM (and also in SSB) is clearly far better than before the mod. This is a filter choice suited to real dx-ing and I expect very good results. 73's Harry Forsblom, Helsinki, Finland
----- Original Message -----
From: Dallas Lankford
To: nrd-525-535@yahoogroups.com
Sent: Sunday, April 13, 2003 11:33 PM
Subject: Re: Vs: [nrd-525-535] Finnish Website

Hi Chris,

Send me your e-mail address and I will try to scan the information you want and e-mail it to you as an attachment. I just purchased a scanner today, and haven't tried to use it yet.

Best regards,

Dallas
----- Original Message -----
From: ringmodulator99
To: nrd-525-535@yahoogroups.com
Sent: Sunday, April 13, 2003 1:56 PM
Subject: Re: Vs: [nrd-525-535] Finnish Website

Hello Harry,

thanks for your input!

Is there a resource, where I can find more about the mods suggested
by
Dallas Lankford?

(yes I have read through the old mails on the list)

I am interested in the mentioned AGC mod and experiences abt changing
the inductors around the IF-Filters.

VY73
Chris, Cologne/Germany

--- In nrd-525-535@yahoogroups.com, "Harry Forsblom"
<harry.forsblom@p...> wrote:
> The web page is about the Finnish Ilpo Leppänen's rather old
modification advice for NRD 525 and 535, mostly concerning the
eliminating of the harmful diodes, replacing the filters with
(supposdedly) more relevant ones, improving the attack constants of
the AGC and improving the sensitivity in the PASS-mode.
> But as for replacing the filters and carrying out the AGC
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Dallas Lankford's, a member of this groop who has his own important
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the AGC-mod in a different way. 73's Harry Forsblom, Helsinki,
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326. Re: Vs: [nrd-525-535] Finnish Website

Yahoo group: nrd-525-535
Date: 2003-04-14 18:06:54 UTC
From: Ian Macartney
Topic: 316 Message: 326

Dallas, would it be possible for me to also get a copy
of the mods, especially the agc mod. I have a nrd-525
that has some problems with agc so I am hoping this
may help.

Kind regards

Ian Macartney

--- Dallas Lankford <dallas@...> wrote: > Hi
Chris,
>
> Send me your e-mail address and I will try to scan
> the information you want and e-mail it to you as an
> attachment. I just purchased a scanner today, and
> haven't tried to use it yet.
>
> Best regards,
>
> Dallas
> ----- Original Message -----
> From: ringmodulator99
> To: nrd-525-535@yahoogroups.com
> Sent: Sunday, April 13, 2003 1:56 PM
> Subject: Re: Vs: [nrd-525-535] Finnish Website
>
>
> Hello Harry,
>
> thanks for your input!
>
> Is there a resource, where I can find more about
> the mods suggested
> by
> Dallas Lankford?
>
> (yes I have read through the old mails on the
> list)
>
> I am interested in the mentioned AGC mod and
> experiences abt changing
> the inductors around the IF-Filters.
>
>
>
> VY73

> Chris, Cologne/Germany
>
> --- In nrd-525-535@yahoogroups.com, "Harry
> Forsblom"
> <harry.forsblom@p...> wrote:
> > The web page is about the Finnish Ilpo
> Lepp?nen's rather old
> modification advice for NRD 525 and 535, mostly
> concerning the
> eliminating of the harmful diodes, replacing the
> filters with
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> mod.,
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> Dallas Lankford's, a member of this groop who has
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> views about preserving mostly the original
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> Finland
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327. Re: Vs: [nrd-525-535] Finnish Website

Yahoo group: nrd-525-535
Date: 2003-04-14 19:44:37 UTC
From: Fabrizio Magrone
Topic: 316 Message: 327

Hello Dallas,

>Send me your e-mail address and I will try to scan the information you
>want and e-mail it to you as an attachment. I just purchased a scanner
>today, and haven't tried to use it yet.

would it be possible to upload your schematics in the file area of this
group? I'm sure they would be of great interest for all the members,
including me!

Thank you and 73

Fabrizio

Fabrizio Magrone, Forli, Italy (JRC NRD-535, ICOM IC-R71, W41PC, 30m lw)
fabrizio.magrone@...
fmagrone@...

328. Re: Vs: [nrd-525-535] Finnish Website

Yahoo group: nrd-525-535
Date: 2003-04-14 21:18:56 UTC
From: Valveman
Topic: 316 Message: 328

Yes I second that as well. I also have AGC problems with my 525. A look at a mod may fix it.
Robert VE3RPF

Ian Macartney <ballynafie@...> wrote:Dallas, would it be possible for me to also get a copy of the mods, especially the agc mod. I have a nrd-525
that has some problems with agc so I am hoping this
may help.

Kind regards

Ian Macartney

--- Dallas Lankford <dallas@...> wrote: > Hi
Chris,
>
> Send me your e-mail address and I will try to scan
> the information you want and e-mail it to you as an
> attachment. I just purchased a scanner today, and
> haven't tried to use it yet.
>
> Best regards,
>
> Dallas
> ----- Original Message -----
> From: ringmodulator99
> To: nrd-525-535@yahoogroups.com
> Sent: Sunday, April 13, 2003 1:56 PM
> Subject: Re: Vs: [nrd-525-535] Finnish Website
>
>
> Hello Harry,
>
> thanks for your input!
>
> Is there a resource, where I can find more about
> the mods suggested
> by
> Dallas Lankford?
>
> (yes I have read through the old mails on the
> list)
>
> I am interested in the mentioned AGC mod and
> experiences abt changing
> the inductors around the IF-Filters.

>
>
>
> VY73
> Chris, Cologne/Germany
>
> --- In nrd-525-535@yahoogroups.com, "Harry
> Forsblom"
> <harry.forsblom@p...> wrote:
> > The web page is about the Finnish Ilpo
> Lepp?nen's rather old
> modification advice for NRD 525 and 535, mostly
> concerning the
> eliminating of the harmful diodes, replacing the
> filters with
> (supposdedly) more relevant ones, improving the
> attack constants of
> the AGC and improving the sensitivity in the
> PASS-mode.
> > But as for replacing the filters and
> carrying out the AGC
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> opinions like those of
> Dallas Lankford's, a member of this groop who has
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> the AGC-mod in a different way. 73's Harry
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329. NRD-525 / 535 AM AGC Mods

Yahoo group: nrd-525-535
Date: 2003-04-15 00:29:51 UTC
From: ra6830
Topic: 329 Message: 329

I have uploaded my "NRD-525 AM AGC Mod 2" article to the "files." It is a 4 page article. It also contains a brief description of how my 525 mod might be done for 535's. To the best of my knowledge, no one has actually done the 535 mod. If anyone does, please let us hear from you. The mod is for the AM (DSB) mode only, and not for the USB / LSB modes.

These mods were developed in 1991 and 1992. As is well known, and unmodified NRD-525 suffers from serious AGC problems in AM mode, namely muffled (distorted) audio due to audio on the AGC line, hanging of the AGC due to noise spikes and other strong signals of brief duration, and inappropriate release times which cause poor audio quality for strongly fading SW signals and MW graveyarders. My solutions for these problems were arrived at by a mathematical analysis of the NRD-525 AGC circuitry, followed by a computer simulation using circuit analysis software (transient response). Then the theoretical results were confirmed using a rebuilt and calibrated URM-25D signal generator and Tek 453 oscilloscope.

If anyone has any questions about the AGC mods, I will try to answer them to the best of my ability.

Best regards,

Dallas

330. 535 serial numbers

Yahoo group: nrd-525-535
Date: 2003-04-15 05:44:00 UTC
From: Bjarne Mjelde
Topic: 330 Message: 330

Anyone know the s/n range of the 535? I.e. is a serial no in the
53000 area an old or a late production 535?

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway

331. Re: 535 serial numbers

Yahoo group: nrd-525-535
Date: 2003-04-15 10:22:04 UTC
From: rezeiwer
Topic: 330 Message: 331

--- In nrd-525-535@yahoogroups.com, "Bjarne Mjelde"
<bjarne.mjelde@m...> wrote:
> Anyone know the s/n range of the 535? I.e. is a serial no in the
> 53000 area an old or a late production 535?
>
> Regards,
> Bjarne Mjelde
> Berlevag, Arctic Norway

Hi,
I remember there was a talk of the serial numbers a while ago, refer
to my message #269:

My 535 have serial number of 52898, and I think it's among the first
ones of 535's. I purchased it in Summer 1991. This is the Eska/Edvis
modified unit.

73 Jarmo

332. Re: [nrd-525-535] NRD-525 / 535 AM AGC Mods

Yahoo group: nrd-525-535
Date: 2003-04-15 11:21:30 UTC
From: Dallas Lankford
Topic: 329 Message: 332

For best viewing, my four AGC mod files should be downloaded to your hard drive and viewed from your hard drive.

Dallas

333. Re: Vs: [nrd-525-535] Finnish Website

Yahoo group: nrd-525-535
Date: 2003-04-15 11:32:51 UTC
From: Dallas Lankford
Topic: 316 Message: 333

Hi Robert,

Tell me about your 525 AGC problems (OG). I may be able to advise.

Best regards,

Dallas
dallas@...
----- Original Message -----
From: Valveman
To: nrd-525-535@yahoogroups.com
Sent: Monday, April 14, 2003 4:18 PM
Subject: Re: Vs: [nrd-525-535] Finnish Website

Yes I second that as well. I also have AGC problems with my 525. A look at a mod may fix it.

Robert VE3RPF

334. Re: NRD-525 / 535 AM AGC Mods

Yahoo group: nrd-525-535
Date: 2003-04-15 14:36:16 UTC
From: pabigelow
Topic: 329 Message: 334

Hello Dallas,

Thank you for developing this modification! Simple, elegant,
and non-destructive -- I think I know what I'll be doing this
weekend!

Best regards,

Paul Bigelow

--- In nrd-525-535@yahoogroups.com, "ra6830" <dallas@b...> wrote:
> I have uploaded my "NRD-525 AM AGC Mod 2" article to the "files."
> It is a 4 page article. It also contains a brief description of
how
> my 525 mod might be done for 535's. To the best of my knowledge,
no
> one has actually done the 535 mod. If anyone does, please let us
> hear from you. The mod is for the AM (DSB) mode only, and not for
> the USB / LSB modes.
>
> These mods were developed in 1991 and 1992. As is well known, and
> unmodified NRD-525 suffers from serious AGC problems in AM mode,
> namely muffled (distorted) audio due to audio on the AGC line,
> hanging of the AGC due to noise spikes and other strong signals of
> brief duration, and inappropriate release times which cause poor
> audio quality for strongly fading SW signals and MW graveyarders.
> My solutions for these problems were arrived at by a mathematical
> analysis of the NRD-525 AGC circuitry, followed by a computer
> simulation using circuit analysis software (transient response).
> Then the theoretical results were confirmed using a rebuilt and
> calibrated URM-25D signal generator and Tek 453 oscilloscope.
>
> If anyone has any questions about the AGC mods, I will try to
answer
> them to the best of my ability.
>
> Best regards,
>
> Dallas

335. Re: 535 serial numbers

Yahoo group: nrd-525-535
Date: 2003-04-15 16:41:52 UTC
From: ringmodulator99
Topic: 330 Message: 335

My 535D Sn 58954 was bought 1993.

Regards
Chris

--- In nrd-525-535@yahoogroups.com, "Bjarne Mjelde"
<bjarne.mjelde@m...> wrote:
> Anyone know the s/n range of the 535? I.e. is a serial no in the
> 53000 area an old or a late production 535?
>
> Regards,
> Bjarne Mjelde
> Berlevag, Arctic Norway

336. Re: NRD-525 / 535 AM AGC Mods

Yahoo group: nrd-525-535
Date: 2003-04-15 16:43:36 UTC
From: ringmodulator99
Topic: 329 Message: 336

Hello Dallas,

thank you very much for sharing your knowledge!!

Kind regards
Chris

--- In nrd-525-535@yahoogroups.com, "Dallas Lankford" <dallas@b...>
wrote:
> For best viewing, my four AGC mod files should be downloaded to your
hard drive and viewed from your hard drive.
>
> Dallas

337. OT: (a little bit) NRD-505 AGC adjustments

Yahoo group: nrd-525-535
Date: 2003-04-15 20:14:27 UTC
From: pabigelow
Topic: 337 Message: 337

Hello,

JRC has been contacted but by any chance would anyone have the procedure for the NRD-505 AGC adjustments? There are three adjustments, I believe. Two are at the AGC circuit and one is at the RF amp stage. Neither the Japan manual nor English manual have the procedure (although other internal adjustments are documented).

Best regards,

Paul Bigelow

338. Re: [nrd-525-535] OT: (a little bit) NRD-505 AGC adjustments

Yahoo group: nrd-525-535
Date: 2003-04-16 19:36:15 UTC
From: axel.lehmann@t-online.de
Topic: 337 Message: 338
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Paul and the community,

here is the AGC adjustment procedure.

I would be glad to put the whole service manual into the file, but I have only a 40k Internet access, and the whole manual is nearly 10MB. Therfore I can send only excerpts from time to time.

I hope, it helps.

Kind regards - Axel (DG3AL)

339. NRD Serial Numbers Table

Yahoo group: nrd-525-535
Date: 2003-04-16 20:08:02 UTC
From: cyarbrough27705
Topic: 339 Message: 339

Hi all--I don't know how this will go for the group, but I have created a database to track serial numbers and other relevant facts about all of our JRC NRDs. I've seen some traffic over the last month or so about wanting to know what the ranges of serial numbers for the various NRD rigs from JRC. This is my attempt to try and get some real numbers to answer this question.

Anyone can enter records into the database, so feel free to click on the 'Database' link on the left hand side of the nrd-525-535 yahoo group webpage and fill it out. This info is strictly for our group's information and will not be used for any other purpose. Also, while I hope you will fill out all fields in the database, you don't have to. the important data is the model and serial number entries.

Let me know what you think of this.

Thanks

Chuck Yarbrough
cyarbrough27705

340. AVC alignment for NRD 505

Yahoo group: nrd-525-535
Date: 2003-04-16 21:30:45 UTC
From: Thomas Nilsson
Topic: 340 Message: 340

I have seen only one source regarding the AVC alignment for the NRD 505. Weltweit Hören issue 4 from 1988 had an article regarding improvements for the NRD 505.

The article says that RV1 on the mixer board is set from factory so the PIN-diode will work first when a signal is greater than S9 + 50 dB.
If RV1 is adjusted clockwise so the noise on the higher bands just can be heard, the PIN diode will act earlier to reduce the signal shown to the mixer. This is the optimal setting.
It is also necessary to adjust the S-meter upper level afterwards.

As I can see from the schematic drawings of the IF boards the NRD 505 is similar to the NRD 515 so I scanned the manual for AGC settings for the 515:

(4) Connect the level meter to the SP jack on the rear panel through the AF output transformer of 4-ohm to 600-ohm.
Set the AF GAIN control for a reading of 20 dBm on the level meter.

(5) Adjust the semi-fixed variable resistor RV7 so that a reading of 0.8V-rms is obtained on the radio frequency voltmeter.

(6) With changing the signal generator output level from 10dBuV to 100 dBuV, check if the AF output level remains within a variation range of 10dBm.

If, at this time, the output level varies in excess of 10 dBm or the speaker produces a distorted sound, adjust the semi-fixed variable resistor RV6 so that the AF output level varies within a range of l0dBm and no distorted sound is heard.

(7) S-meter adjustment
Set off the output of the standard signal generator.
Adjust the semi-fixed variable resistor RV5 so that the S-meter pointer indicates S1 on its scale.
Then, set the signal generator output level to 100 dBuV.
Adjust the semi-fixed variable resistor RV8 so that the S-meter pointer deflects to S9 plus 60 dB.

Note that:
RV6 (505) = RV1 (515)
RV2 (505) = RV 7 (515)
RV4 (505) = RV 8 (515)

Hope this will help you to get a good AVC alignment.
Regards

Thomas Nilsson

341. Re: AVC alignment for NRD 505

Yahoo group: nrd-525-535
Date: 2003-04-16 22:08:25 UTC
From: pabigelow
Topic: 340 Message: 341

Hello Thomas,

Thank you very much for this information. Restoring the NRD-505 has
been a long term project. While the receiver was operable from
the time I acquired it, it was obvious that some time in its life
some major failure occured requiring rebuilding of the power supply
and repairs on the RF and IF boards with use of inferior, substitute,
semiconductors. The original 70.455Mhz IF crystal filter was going
bad.

The poor repairs have been cleaned up, origninal type, new old stock
power supply rectifiers have been located along with new voltage
regulators. A 70.455khz filter was utilied from an NRD-515 parts
unit and works perfectly.

As it is I am cetain that this NRD-505 now performs close to
specification. It has seen a hard life internally but the exterior
is in excellent condition so that is good news.

The only semiconductor that has eluded my searches is the 2SC1513
RF transistors. I have found what I believe to be a good, if not
superior, substitute in the 2N3109. In any event, all seems to
work quite well.

Except for the 2sc1513 (which I may never find) issue, I need to
rebuild the power supply back to stock and perform the AVC
alignment.

Thank you again for these details by which I can now proceed
(and not just guess).

Kind regards,

Paul Bigelow

--- In nrd-525-535@yahoogroups.com, "Thomas Nilsson"
<thomas.nilsson@s...> wrote:
> I have seen only one source regarding the AVC alignment for the NRD
> 505. Weltweit Hören issue 4 from 1988 had an article regarding
> improvements for the NRD 505.
>
> The article says that RV1 on the mixer board is set from factory so
> the PIN-diode will work first when a signal is greater than S9 + 50
> dB.
> If RV1 is adjusted clockwise so the noise on the higher bands just
> can be heard, the PIN diode will act earlier to reduce the signal
> shown to the mixer. This is the optimal setting.

> It is also necessary to adjust the S-meter upper level afterwards.
>
>
> As I can see from the schematic drawings of the IF boards the NRD
> 505 is similar to the NRD 515 so I scanned the manual for AGC
> settings for the 515:
>
> (4) Connect the level meter to the SP jack on the rear panel
> through the AF output transformer of 4-ohm to 600-ohm.
> Set the AF GAIN control for a reading of 20 dBm on the level meter.
>
> (5) Adjust the semi-fixed variable resistor RV7 so that a reading
> of 0.8V-rms is obtained on the radio frequency voltmeter.
>
> (6) With changing the signal generator output level from 10dBuV to
> 100 dBuV, check if the AF output level remains within a variation
> range of 10dBm.
>
> If, at this time, the output level varies in excess of 10 dBm or
the
> speaker produces a distorted sound, adjust the semi-fixed variable
> resistor RV6 so that the AF output level varies within a range of
> l0dBm and no distorted sound is heard.
>
> (7) S-meter adjustment
> Set off the output of the standard signal generator.
> Adjust the semi-fixed variable resistor RV5 so that the S-meter
> pointer indicates S1 on its scale.
> Then, set the signal generator output level to 100 dBuV.
> Adjust the semi-fixed variable resistor RV8 so that the S-meter
> pointer deflects to S9 plus 60 dB.
>
> Note that:
> RV6 (505) = RV1 (515)
> RV2 (505) = RV 7 (515)
> RV4 (505) = RV 8 (515)
>
> Hope this will help you to get a good AVC alignment.
> Regards
> Thomas Nilsson

342. SV: [nrd-525-535] NRD Serial Numbers Table

Yahoo group: nrd-525-535
Date: 2003-04-17 11:16:45 UTC
From: Bjarne Mjelde
Topic: 339 Message: 342

Good idea, Chuck!

IMO, if some may feel that the exact s/n are "giving away too much", entries like "517xx" should be accepted. But after all, it's not our social security numbers we are giving away :-)

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway

-----Opprinnelig melding-----
Fra: cyarbrough27705 [mailto:wampus@...]
Sendt: 16. april 2003 22:08
Til: nrd-525-535@yahoogroups.com
Emne: [nrd-525-535] NRD Serial Numbers Table

Hi all--I don't know how this will go for the group, but I have created a database to track serial numbers and other relevant facts about all of our JRC NRDs. I've seen some traffic over the last month or so about wanting to know what the ranges of serial numbers for the various NRD rigs from JRC. This is my attempt to try and get some real numbers to answer this question.

Anyone can enter records into the database, so feel free to click on the 'Database' link on the left hand side of the nrd-525-535 yahoo group webpage and fill it out. This info is strictly for our group's information and will not be used for any other purpose. Also, while I hope you will fill out all fields in the database, you don't have to. the important data is the model and serial number entries.

Let me know what you think of this.

Thanks

Chuck Yarbrough
cyarbrough27705

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343. 535, audio distortion

Yahoo group: nrd-525-535
Date: 2003-04-19 17:52:27 UTC
From: ringmodulator99
Topic: 343 Message: 343

Hello List,

I have found a strange kind of audio distortion on my 535D.
It sounds like a kind of high pitched crackling overlaying the normal output, almost like static on the antenna. Or like distortion on spikes in the signal. It shows up on top of the normal audio signal.
The audio is besides that OK.

It is also on the external speaker and on the headphone out.

The strange thing:

It appears on lower AF-gain settings at around the 9 o clock position and vanishes at higher gain settings. Also turning the tone pot ccw to abt 9 o clock lets the noise vanish.

It is not due to a dirty pot and I have also reseated each card.
It shows also up on a small indoor antenna.
It is also present when the NB is switched off.

Any ideas on this are welcome.

Kind regards
Chris

344. NRD 525 FS MINT $525

Yahoo group: nrd-525-535
Date: 2003-04-21 01:02:37 UTC
From: ak7dx
Topic: 344 Message: 344

With matching NVA-88 Speaker, MINT shape, New memory battery.
Original owner radio has been stored in a Military specialized radio
container for 8 years. Original manual. NO MODS all original.
$500 + Shipping from Boise, Idaho 83713

Est weight 25 Lbs.

345. Does your "Pass" setting work ?

Yahoo group: nrd-525-535
Date: 2003-05-01 21:16:11 UTC
From: adibene
Topic: 345 Message: 345

Hi all,
I have a JRC NRD-525 since more than one year, and, while the unit seems to work ok, there one thing that makes me perplex.

As you know, pressing Memo + 4 toggles the preselector ON and OFF, and the "Pass" led on the display lights accordingly. What I observe are two things :

- Auditively, there is almost no change in the reception, either AM or SSB. It looks like the effect of the preselector is nil.

- On some frequencies, when activating/disactivating the "Pass" mode, it is possible to hear a relay clicking. On other frequencies this doesn't happen.

What are your experiences about this ? Does my 525 behaves as the others, or should I become worried ? Should this matter, the S/N is 40665.

Thanks, Alberto I2PHD

346. Re: [nrd-525-535] Digest Number 146

Yahoo group: nrd-525-535
Date: 2003-05-02 13:54:24 UTC
From: darobin
Topic: 346 Message: 346

I don't think this is a control to activitate/de-activate
a preselector, if that's what you meant. It's the
pass filter...

nrd-525-535@yahoogroups.com wrote:

>
> To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
> --
>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Does your "Pass" setting work ?
> From: "adibene" <dibene@...>
>
> ____
> ____
>
> Message: 1
> Date: Thu, 01 May 2003 21:16:11 -0000
> From: "adibene" <dibene@...>
> Subject: Does your "Pass" setting work ?
>
> Hi all,
> I have a JRC NRD-525 since more than one year, and, while the unit
> seems to work ok, there one thing that makes me perplex.
>
> As you know, pressing Memo + 4 toggles the preselector ON and OFF, and
> the "Pass" led on the display lights accordingly. What I observe are
> two things :
>
> - Auditively, there is almost no change in the reception, either AM or
> SSB. It looks like the effect of the preselector is nil.
>
> - On some frequencies, when activating/disactivating the "Pass" mode,
> it is possible to hear a relay clicking. On other frequencies this
> doesn't happen.
>
> What are your experiences about this ? Does my 525 behaves as the
> others, or should I become worried ? Should this matter, the S/N is 40665.
>

> Thanks, Alberto I2PHD
>
> --
> --
>
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347. Re: Does your "Pass" setting work ?

Yahoo group: nrd-525-535
Date: 2003-05-02 19:05:03 UTC
From: christophe525
Topic: 347 Message: 347

Vos filtres HF fonctionnent normalement.
1°) le NRD525 étant de bonne qualité, le fait de bypasser les filtres HF ne change parfois rien. Par contre, ils seront efficaces en cas de perturbations hors bande.

2°) les commutations des filtres sont électroniques. Chaque filtre est décomposé en 2: 1 bande haute et 1 bande basse. Ces 2 "sous-bandes" sont commutées par les relais K2 à K7. Ils est donc tout à fait normal de ne pas toujours entendre les commutations suivant les bandes.

3°) lorsque "PASS" est affiché, le filtre activé par défaut est un passe-haut 1,6MHz. (On peut donc constater une atténuation des signaux en dessous de 1,6MHz).

(Voir le tableau N°1 sur http://perso.wanadoo.fr/geip/NRD525.htm)
Christophe F-11676
QRV@...

348. Site NRD525

Yahoo group: nrd-525-535
Date: 2003-05-08 18:46:03 UTC
From: christophe525
Topic: 348 Message: 348

Nouveau: mise à jour 8 Mai 2003 du site
http://perso.wanadoo.fr/geip/NRD525.htm

349. Re: Does your "Pass" setting work ?

Yahoo group: nrd-525-535
Date: 2003-05-09 09:00:55 UTC
From: Bjarne Mjelde
Topic: 347 Message: 349

Re. 3: I also noted the attenuation, and it being a highpass filter as Christophe says seems obvious from the behaviour of the receiver (tested this once on 657 and 1485 kHz - heavily attenuated on 657, practically none on 1485).

And more: Could this have some relevance to the obviously incorrect statement by JRC as the 525 (and 535/545) having degraded sensitivity below 1.6 MHz?

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway

>
> 3°) lorsque "PASS" est affiché, le filtre activé par défaut est un
> passe-haut 1,6MHz. (On peut donc constater une atténuation des
> signaux en dessous de 1,6MHz).
>
>
> (Voir le tableau N°1 sur http://perso.wanadoo.fr/geip/NRD525.htm)
> Christophe F-11676
> QRV@w...

350. Re: Does your "Pass" setting work ?

Yahoo group: nrd-525-535
Date: 2003-05-09 18:34:31 UTC
From: christophe525
Topic: 347 Message: 350

Vos filtres HF fonctionnent normalement.

En dessous de 1600KHz, ce sont les 3 filtres suivants qui sont actifs:
1°) Band 1 - 90 à 399KHz
2°) Band 2 - 400 à 799 KHz
3°) Band 2 SUB - 800 à 1599KHz.

Il ne faut donc pas utiliser "PASS" pour ces bandes.
Dans le cas contraire, il est tout à fait normal de constater de
fortes atténuations.
(Le filtre utilisé est alors le Passe Haut 1600KHz).
Le NRD 525 est conçu de cette façon...

http://perso.wanadoo.fr/geip/NRD525.htm
Christophe F-11676
QRV@wanadoo.fr

351. Re: Does your "Pass" setting work ?

Yahoo group: nrd-525-535
Date: 2003-05-11 09:56:58 UTC
From: Bjarne Mjelde
Topic: 347 Message: 351

Interesting. Have anyone noticed increased sensitivity above 1.6
when enabling PASS?

Does the 535 have the same facility?

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway

--- In nrd-525-535@yahoogroups.com, "christophe525" <QRV@w...> wrote:
> Vos filtres HF fonctionnent normalement.
>
> En dessous de 1600KHz, ce sont les 3 filtres suivants qui sont
actifs:
> 1°) Band 1 - 90 à 399KHz
> 2°) Band 2 - 400 à 799 KHz
> 3°) Band 2 SUB - 800 à 1599KHz.
>
> Il ne faut donc pas utiliser "PASS" pour ces bandes.
> Dans le cas contraire, il est tout à fait normal de constater de
> fortes atténuations.
> (Le filtre utilisé est alors le Passe Haut 1600KHz).
> Le NRD 525 est conçu de cette façon...
>
> http://perso.wanadoo.fr/geip/NRD525.htm
> Christophe F-11676
> QRV@w...

352. Re: [nrd-525-535] Re: Does your "Pass" setting work ?

Yahoo group: nrd-525-535
Date: 2003-05-11 14:09:15 UTC
From: Dallas Lankford
Topic: 345 Message: 352

There will be a very slight improvement in sensitivity, but not enough to make any difference in what you can hear.

Best regards,

Dallas
----- Original Message -----
From: Bjarne Mjelde
To: nrd-525-535@yahoogroups.com
Sent: Sunday, May 11, 2003 4:56 AM
Subject: [nrd-525-535] Re: Does your "Pass" setting work ?

Interesting. Have anyone noticed increased sensitivity above 1.6
when enabling PASS?

Does the 535 have the same facility?

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway

--- In nrd-525-535@yahoogroups.com, "christophe525" <QRV@w...> wrote:
> Vos filtres HF fonctionnent normalement.
>
> En dessous de 1600KHz, ce sont les 3 filtres suivants qui sont
actifs:
> 1°) Band 1 - 90 à 399KHz
> 2°) Band 2 - 400 à 799 KHz
> 3°) Band 2 SUB - 800 à 1599KHz.
>
> Il ne faut donc pas utiliser "PASS" pour ces bandes.
> Dans le cas contraire, il est tout à fait normal de constater de
> fortes atténuations.
> (Le filtre utilisé est alors le Passe Haut 1600KHz).
> Le NRD 525 est conçu de cette façon...
>
> http://perso.wanadoo.fr/geip/NRD525.htm
> Christophe F-11676
> QRV@w...

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353. Re: [nrd-525-535] Re: Does your "Pass" setting work ?

Yahoo group: nrd-525-535
Date: 2003-05-11 14:19:39 UTC
From: Dallas Lankford
Topic: 345 Message: 353

There should not be any attenuation of signals below 1.6 MHz when you use PASS (MEMO+4). Since you observed attenuation, there is probably something wrong with the 525 you were using. I believe you have two 525's. Do both of them have the same amount of attenuation at 657 kHz? I hope not, because one of them is the 525 I sold you, and it was fine when it left here. Is there any attenuation on either of the 525's when not using PASS? I am guessing that you can't tell because you probably don't have a signal generator. Maybe it is time to buy a signal generator? Also, were there any active or passive devices between the 525 and the antenna. If so, bypass them, and listen again.

Best regards,

Dallas
----- Original Message -----
From: Bjarne Mjelde
To: nrd-525-535@yahoogroups.com
Sent: Friday, May 09, 2003 4:00 AM
Subject: [nrd-525-535] Re: Does your "Pass" setting work ?

Re. 3: I also noted the attenuation, and it being a highpass filter
as Christophe says seems obvious from the behaviour of the receiver
(tested this once on 657 and 1485 kHz - heavily attenuated on 657,
practically none on 1485).

And more: Could this have some relevance to the obviously incorrect
statement by JRC as the 525 (and 535/545) having degraded
sensitivity below 1.6 MHz?

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway
>
> 3°) lorsque "PASS" est affiché, le filtre activé par défaut est un
> passe-haut 1,6MHz. (On peut donc constater une atténuation des
> signaux en dessous de 1,6MHz).
>
>
> (Voir le tableau N°1 sur http://perso.wanadoo.fr/geip/NRD525.htm)
> Christophe F-11676
> QRV@w...

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354. 525 PASS (MEMO+4)

Yahoo group: nrd-525-535
Date: 2003-05-11 14:30:21 UTC
From: Dallas Lankford
Topic: 354 Message: 354

The Pass feature of the 525 (and 535?) is good for much of anything except for causing intermod. It doesn't improve sensitivity enough to make any difference in what you can hear. And it can introduce phantom signals that aren't there (intermodulation distortion products). While checking out the Pass feature on one of my 525's earlier this morning to refresh my memory, I observed an intermod product on 160 kHz. It was obviously intermod because there are no voice signals on 160 kHz. But on higher frequencies it wouldn't be so obvious that the signal was a phantom. Leave the Pass turned off.

Best regards,

Dallas

355. Re: [nrd-525-535] 525 PASS (MEMO+4)

Yahoo group: nrd-525-535
Date: 2003-05-11 14:39:17 UTC
From: Bob Parnass, AJ9S
Topic: 354 Message: 355

I often bypass the front end filtering on the NRD545 when scanning
memories containing utility frequencies in different bands. This keeps the
relays from taking a beating.

On Sunday 11 May 2003 09:30 am, Dallas Lankford wrote:
> The Pass feature of the 525 (and 535?) is good for much of anything except
> for causing intermod....

--
==
Bob Parnass, AJ9S GNU/Linux User http://parnass.com

356. Re: [nrd-525-535] 525 PASS (MEMO+4)

Yahoo group: nrd-525-535
Date: 2003-05-11 14:38:43 UTC
From: Dallas Lankford
Topic: 354 Message: 356

I stand corrected. Thanks Bob.

Best regards,

Dallas
----- Original Message -----
From: Bob Parnass, AJ9S
To: nrd-525-535@yahoogroups.com
Sent: Sunday, May 11, 2003 9:39 AM
Subject: Re: [nrd-525-535] 525 PASS (MEMO+4)

I often bypass the front end filtering on the NRD545 when scanning
memories containing utility frequencies in different bands. This keeps the
relays from taking a beating.

On Sunday 11 May 2003 09:30 am, Dallas Lankford wrote:
> The Pass feature of the 525 (and 535?) is good for much of anything except
> for causing intermod....

--
==
Bob Parnass, AJ9S GNU/Linux User http://parnass.com

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357. Re: [nrd-525-535] Re: Does your "Pass" setting work ?

Yahoo group: nrd-525-535
Date: 2003-05-11 14:50:21 UTC
From: Dallas Lankford
Topic: 345 Message: 357

Yep.

I'll get out my 2nd 525 before I send this.

Well, well, well.

Some do, some don't... have attenuation, that is. My high serial number 521xx does not, while my lower 48xxx does. Now I guess I go look at schematics.

Best regards,

Dallas

----- Original Message -----
From: <bjarnem@...>
To: "Dallas Lankford" <dallas@...>
Sent: Sunday, May 11, 2003 9:41 AM
Subject: Re: [nrd-525-535] Re: Does your "Pass" setting work ?

> Nah, it's yours. Puzzled?
>
> Bjarne
>
> > Is your "No. 1" the one you got from the German fellow? Maybe the
> > European
> > 525's have a high pass filter with 1.6 MHz cutoff?
> >
> > Best regards,
> >
> > Dallas

358. CORRECTION: Re: Does your "Pass" setting work ?

Yahoo group: nrd-525-535
Date: 2003-05-11 15:37:26 UTC
From: Dallas Lankford
Topic: 358 Message: 358

Apparently a previous owner removed the high pass filter in my 525 which has no attenuation below 1.6 MHz. Attenuation below 1.6 MHz is normal when using PASS. Whew! I thought I was losing my mind.

I guess if you wanted to remove the high pass filter so that you could scan below 1.6 MHz like Bob does for the utility bands it would not be difficult to do. I may do that later today.

Best regards,

Dallas

359. 525 PASS Mod

Yahoo group: nrd-525-535
Date: 2003-05-11 17:17:53 UTC
From: Dallas Lankford
Topic: 359 Message: 359

Remoive the CFL-205 HF TUNE PC board from the 525. Desolder and remove C88, C89, and C90, and connect the junction of CD52 and L19 to the junction of CD53 and C23 with a 1 uF 50 volt capcitor, a KEMET CK06 or equivalent. I drilled two small holes (69 guage) in the PC board near the apprropriate pads of C88/C89 (which are in parallel) and C90. Then I mounted the 1 uF capacitor on top of the PC board (with insulated leads), bent the leads over to the appropriate pads (on the trace side), trimmed the leads, and soldered them to the appropriate pads.

If you experience intermod when using PASS (and you probably will), you can build (or buy) and use an appropriate high pass or low pass filter.

Best regards,

Dallas

360. Does your "Pass" setting work?

Yahoo group: nrd-525-535
Date: 2003-05-11 19:13:23 UTC
From: Harry Forsblom
Topic: 360 Message: 360

In my NRD-525, there is for some reason a rather clear improvement in sensitivity around 6MHz on SW when PASS-mode is enabled. But this extra sensitivity decreases pretty soon when going further on to either direction. It is not totally non-existent, however, even on the 60 m. tropical band I cannot explain this, but for instance Ilpo Leppänen has noticed the same phenomenon, in his case after a mod of his. As far as I know, my mod didn't include anything about the PASS-mode itself. Harry Forsblom, Helsinki, Finland

361. Re: [nrd-525-535] Re: Does your "Pass" setting work ?

Yahoo group: nrd-525-535
Date: 2003-05-11 19:59:27 UTC
From: Fabrizio Magrone
Topic: 347 Message: 361

Hello,

Bjarne Mjelde wrote:
>Interesting. Have anyone noticed increased sensitivity above 1.6
>when enabling PASS?
>
>Does the 535 have the same facility?

Yes, it has and the facility can be accessed through the User Definitions Menu:

1) Go to the Menu (push Memo, Function, ENT/kHz)
2) Rotate the tuning knob until a flashing "2" appears
3) Push ENT/kHz: the "2" becomes still, while a flashing "1" appears
4) Rotate tuning knob until a flashing "0" appears instead of "1"
5) Push ENT/kHz; the red "PASS" indicator lights on. You are in PASS mode.

To return to normal mode (bandpass filters enabled):

Repeat the sequence 1-2-3
4) Rotate tuning knob until a flashing "1" appears instead of "0"
5) Push ENT/kHz: the red "PASS" indicator switches off. You're back to normal.

Easier done than said. Anyway, I seldom found the PASS mode of any use and
it can create intermodulations.

73

Fabrizio

Fabrizio Magrone, Forli, Italy (JRC NRD-535, ICOM IC-R71, W41PC, 30m lw)
fabrizio.magrone@...
fmagrone@...

362. NRD-535D manual?

Yahoo group: nrd-525-535
Date: 2003-05-12 17:09:08 UTC
From: Brian Denley
Topic: 362 Message: 362

Hi:
I just bought a 535D on Ebay and joined this group. While I wait
for it to arrive, is there an electronic copy of the manual
available to look at?
Thanks for any info.

Brian
http://home.attbi.com/~bdenley/index.html

363. RE: [nrd-525-535] NRD-535D manual?

Yahoo group: nrd-525-535
Date: 2003-05-13 03:49:16 UTC
From: Patrick
Topic: 362 Message: 363

When I get my scanner back I can scan you a copy

-----Original Message-----
From: Brian Denley [mailto:bdenley@...]
Sent: Monday, May 12, 2003 10:09 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] NRD-535D manual?

Hi:
I just bought a 535D on Ebay and joined this group. While I wait
for it to arrive, is there an electronic copy of the manual
available to look at?
Thanks for any info.

Brian
http://home.attbi.com/~bdenley/index.html

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<http://rd.yahoo.com/M=253841.3292458.4586253.1261774/D=egroupweb/S=1705
063108:HM/A=1504866/R=1/*http://autos.yahoo.com?refsrc=autos/ads/feature
/LREC>
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Toyota Camry more...

<http://us.adserver.yahoo.com/l?M=253841.3292458.4586253.1261774/D=egrou
pmail/S=:HM/A=1504866/rand=520630783>

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364. NRD 545 in ebay

Yahoo group: nrd-525-535
Date: 2003-05-14 06:57:47 UTC
From: james21usa
Topic: 364 Message: 364

There is a JRC NRD 545 DSP receiver listed in ebay. I think this is a very rare and very hard to find that also digital receivers.

item # 3024271930

check out

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3024271930&category=15051

365. CMK-165

Yahoo group: nrd-525-535
Date: 2003-05-16 02:04:09 UTC
From: Brian Denley
Topic: 365 Message: 365

Does this VHF/UHF converter (CMK-165) work with the 535? Is there a converter for the 535?
Thanks for any info.
Brian Denley
http://home.attbi.com/~bdenley/index.html

366. RE: [nrd-525-535] CMK-165

Yahoo group: nrd-525-535
Date: 2003-05-16 02:39:57 UTC
From: Chuck Yarbrough
Topic: 365 Message: 366

Brian--To my knowledge the CMK-165 was designed for only the 525. There is no internal VHF/UHF converter for the 535. Of course they came out with another converter for the 545.

73s,

Chuck

-----Original Message-----
From: Brian Denley [mailto:bdenley@...]
Sent: Thursday, May 15, 2003 22:04
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] CMK-165

Does this VHF/UHF converter (CMK-165) work with the 535? Is there a converter for the 535?
Thanks for any info.
Brian Denley
http://home.attbi.com/~bdenley/index.html

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367. Re: NRD 545 in ebay

Yahoo group: nrd-525-535
Date: 2003-05-17 09:59:19 UTC
From: simonkorvat
Topic: 364 Message: 367

Yes, and its price is still even reasonable. But one should know its serial number, as I have heard rumors that the firmware program of first production lot has lower performance compared with later ones.

--- In nrd-525-535@yahoogroups.com, "james21usa" <james21usa@y...> wrote:
> There is a JRC NRD 545 DSP receiver listed in ebay. I think this is
> a very rare and very hard to find that also digital receivers.
>
> item # 3024271930
>
> check out
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?
> ViewItem&item=3024271930&category=15051

368. Re: [nrd-525-535] Re: NRD 545 in ebay

Yahoo group: nrd-525-535
Date: 2003-05-17 15:52:13 UTC
From: Brian Denley
Topic: 364 Message: 368

Isn't the newer firmware upgrade free from JRC?
Brian Denley
http://home.attbi.com/~bdenley/index.html

----- Original Message -----
From: "simonkorvat" <arkkiman@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, May 17, 2003 5:59 AM
Subject: [nrd-525-535] Re: NRD 545 in ebay

> Yes, and its price is still even reasonable. But one should know its
> serial number, as I have heard rumors that the firmware program of
> first production lot has lower performance compared with later ones.
>
>
> --- In nrd-525-535@yahoogroups.com, "james21usa" <james21usa@y...>
> wrote:
> > There is a JRC NRD 545 DSP receiver listed in ebay. I think this is
> > a very rare and very hard to find that also digital receivers.
> >
> > item # 3024271930
> >
> > check out
> >
> > http://cgi.ebay.com/ws/eBayISAPI.dll?
> > ViewItem&item=3024271930&category=15051
>
>
>
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> nrd-525-535-unsubscribe@yahoogroups.com
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>
>
>

369. 525 questions

Yahoo group: nrd-525-535
Date: 2003-05-17 19:31:36 UTC
From: Al Bolton
Topic: 364 Message: 369

Hi all,

I have recently bought an NRD-525 to complement my NSD-515/NRD-515, NRD-535 and JST-100 transceiver set up. The set is in reasonable but not exceptional condition but works well apart from slightly noisy controls which will probably respond well to some good switch cleaner/lubricant.

I have some questions:

1)Is it possible to get all the segments of the S meter to light up like in the 535? At the moment, it's just a small bright vertical yellow bar chasing around on the 525. I know I can get this minimalist display on the 535 but with that set I can easily change it by some keypad combination to a full display.

2)The set is slightly off frequency when using it on SSB. Is there a master oscillator setting to allow me to get it back on frequency? My 535 has one which allowed me to get it just right.

3)Does anyone have any ideas about obtaining paint to either touch up scratches or to respray the cases completely? I have managed to completely respray several sets so far, but getting the right paint can be really difficult. Luckily I have the matyching NVA-88 speaker which has a lot of deep scratches in the top. I have replaced the speaker in this unit with a high quality one and the difference in audio quality is quite good.

Thanks for any pointers,

Al Bolton, G4VSQ
http://www.reading-city.net/Vintage_Radios

370. Re: NRD 545 in ebay

Yahoo group: nrd-525-535
Date: 2003-05-17 20:02:40 UTC
From: james
Topic: 364 Message: 370

The seller in ebay NRD-545 Item # 3024271930 has added
the serial # and he also states that it is latest
firmware.

--- Brian Denley <bdenley@...> wrote:
> Isn't the newer firmware upgrade free from JRC?
> Brian Denley
> http://home.attbi.com/~bdenley/index.html
>
> ----- Original Message -----
> From: "simonkorvat" <arkkiman@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Saturday, May 17, 2003 5:59 AM
> Subject: [nrd-525-535] Re: NRD 545 in ebay
>
>
> > Yes, and its price is still even reasonable. But
> one should know its
> > serial number, as I have heard rumors that the
> firmware program of
> > first production lot has lower performance
> compared with later ones.
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "james21usa"
> <james21usa@y...>
> > wrote:
> > > There is a JRC NRD 545 DSP receiver listed in
> ebay. I think this is
> > > a very rare and very hard to find that also
> digital receivers.
> > >
> > > item # 3024271930
> > >
> > > check out
> > >
> > > http://cgi.ebay.com/ws/eBayISAPI.dll?
> > > ViewItem&item=3024271930&category=15051
> >
> >
> >
> > To unsubscribe from this group, send an email to:
> > nrd-525-535-unsubscribe@yahoogroups.com
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> >

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>

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371. NRD-535D Question

Yahoo group: nrd-525-535
Date: 2003-05-18 02:42:03 UTC
From: Brian Denley
Topic: 371 Message: 371

While waiting for my 535D to arrive, I have been reading up on the receiver. So far I have read several articles that seem to give conflicting information: is the WIDE AM filter 6.0 KHz, 5.5 Khz or 4.0 Khz? Different articles and ads give different answers to that question. Anyone know for sure? 4.0 Khz seems quite narrow for general AM program listening.
Thanks for any info.
Brian Denley
http://home.attbi.com/~bdenley/index.html

372. Re: NRD-535D Question

Yahoo group: nrd-525-535
Date: 2003-05-18 16:03:33 UTC
From: simonkorvat
Topic: 371 Message: 372

The manual of my 535 says that it is 6 kHz (-6 db) and it is too broad even for general AM listening. I recommend replacing it with a 3-4 kHz filter: I guess Kiwa is still selling good all purpose AM filters. But for real DXing they are too wide.

My 535 has a Kiwa CLF-D2K filter (3.5 kHz) as widest one and which I, however, rarely use.

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <bdenley@a...> wrote:
> While waiting for my 535D to arrive, I have been reading up on the receiver.
> So far I have read several articles that seem to give conflicting
> information: is the WIDE AM filter 6.0 KHz, 5.5 Khz or 4.0 Khz? Different
> articles and ads give different answers to that question. Anyone know for
> sure? 4.0 Khz seems quite narrow for general AM program listening.
> Thanks for any info.
> Brian Denley
> http://home.attbi.com/~bdenley/index.html

373. New links addedd in link section

Yahoo group: nrd-525-535
Date: 2003-05-18 16:46:17 UTC
From: jmgirard2001
Topic: 373 Message: 373

A link concern modified firmware forr NRD 525 !

374. Re: [nrd-525-535] Re: NRD-535D Question

Yahoo group: nrd-525-535
Date: 2003-05-18 17:00:57 UTC
From: Brian Denley
Topic: 371 Message: 374

A 4 Khz AM filter would be the narrowest "wide" filter I have ever seen on a receiver. Both my Drakes have 6 Khz, as does my R-5000. The Rx-320 has a setting for 8 KHz and it sounds wonderful on a clear channel. Why does the 535 4 Khz filter seem too wide? Does it have poor skirt selectivity like the original Kenwood filter?
Brian Denley
http://home.attbi.com/~bdenley/index.html
----- Original Message -----
From: "simonkorvat" <ark@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, May 18, 2003 12:03 PM
Subject: [nrd-525-535] Re: NRD-535D Question

> The manual of my 535 says that it is 6 kHz (-6 db) and it is too
> broad even for general AM listening. I recommend replacing it with a
> 3-4 kHz filter: I guess Kiwa is still selling good all purpose AM
> filters. But for real DXing they are too wide.
>
> My 535 has a Kiwa CLF-D2K filter (3.5 kHz) as widest one and which I,
> however, rarely use.
>
>
>
> --- In nrd-525-535@yahoogroups.com, "Brian Denley" <bdenley@a...>
> wrote:
> > While waiting for my 535D to arrive, I have been reading up on the
> receiver.
> > So far I have read several articles that seem to give conflicting
> > information: is the WIDE AM filter 6.0 KHz, 5.5 Khz or 4.0 Khz?
> Different
> > articles and ads give different answers to that question. Anyone
> know for
> > sure? 4.0 Khz seems quite narrow for general AM program listening.
> > Thanks for any info.
> > Brian Denley
> > http://home.attbi.com/~bdenley/index.html
>
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>
>
>

375. Re: [nrd-525-535] Digest Number 156

Yahoo group: nrd-525-535
Date: 2003-05-19 13:39:59 UTC
From: Dan Robinson
Topic: 375 Message: 375
Attachments: 1 described; binary payloads are missing from this source WARC

Re 525 BFO Setting

Yes, you can zero the PLL -- I forget where exactly it is,
but I expect someone in the group can inform...

376. Re: NRD-535D Question

Yahoo group: nrd-525-535
Date: 2003-05-20 07:20:28 UTC
From: simonkorvat
Topic: 371 Message: 376

Well, required filters depend on what you are listening to: domestic AM frequencies, shortwave bands or trans atlantic signals on tropical bands and AM band. The fact that there is 9 kHz between AM band channels in Europe (besides megawatt tx's), and 10 kHz in the Americas, causes us the need of good filters with extreme selectivity and shape factor. Further, I think nowadays every Finnish DXer uses SSB mode (LSB or USB, depending on interference) in real DXing.

I am sorry for my inadequate English, but if you mean shape factor with "skirt selectivity", the answer is yes. Example: you cannot stick yourself on LSB to 800 KINY Juneau being interfered by a Russian station on 801 kHz without really good filter (and of course, good conditions and long directional beverage antenna).

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <bdenley@a...> wrote:
> A 4 Khz AM filter would be the narrowest "wide" filter I have ever seen on a
> receiver. Both my Drakes have 6 Khz, as does my R-5000. The Rx-320 has a
> setting for 8 KHz and it sounds wonderful on a clear channel. Why does the
> 535 4 Khz filter seem too wide? Does it have poor skirt selectivity like
> the original Kenwood filter?
> Brian Denley
> http://home.attbi.com/~bdenley/index.html
> ----- Original Message -----
> From: "simonkorvat" <ark@u...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Sunday, May 18, 2003 12:03 PM
> Subject: [nrd-525-535] Re: NRD-535D Question
>
>
> > The manual of my 535 says that it is 6 kHz (-6 db) and it is too
> > broad even for general AM listening. I recommend replacing it with a
> > 3-4 kHz filter: I guess Kiwa is still selling good all purpose AM
> > filters. But for real DXing they are too wide.
> >
> > My 535 has a Kiwa CLF-D2K filter (3.5 kHz) as widest one and which I,
> > however, rarely use.
> >
> >

> >
> > --- In nrd-525-535@yahoogroups.com, "Brian Denley" <bdenley@a...>
> > wrote:
> > > While waiting for my 535D to arrive, I have been reading up on
the
> > receiver.
> > > So far I have read several articles that seem to give
conflicting
> > > information: is the WIDE AM filter 6.0 KHz, 5.5 Khz or 4.0 Khz?
> > Different
> > > articles and ads give different answers to that question.
Anyone
> > know for
> > > sure? 4.0 Khz seems quite narrow for general AM program
listening.
> > > Thanks for any info.
> > > Brian Denley
> > > http://home.attbi.com/~bdenley/index.html
> >
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377. Quartz filter for the NRD525

Yahoo group: nrd-525-535
Date: 2003-05-20 16:38:10 UTC
From: adibene
Topic: 377 Message: 377

I have been offered a Kenwood 455kHz, 500Hz wide, xtal filter
for my NRD525, for a very good price.

The problem is that the center frequency of that filter is 455.7kHz
Do you think that those 700Hz can make the filter not so
effective? Probably I can use the PBS control to compensate for
that, but would like to hear words of wisdom.

And what about input/output impedance ? Has anybody experience
in using Kenwood filters in the JRC NRD525?

Thanks

Alberto I2PHD

378. Quartz filter for the NRD525

Yahoo group: nrd-525-535
Date: 2003-05-20 16:32:15 UTC
From: Alberto di Bene
Topic: 377 Message: 378

I have been offered a Kenwood 455kHz, 500Hz wide, xtal filter
for my NRD525, for a very good price.

The problem is that the center frequency of that filter is 455.7kHz
Do you think that those 700Hz can make the filter not so
effective? Probably I can use the PBS control to compensate for
that, but would like to hear words of wisdom.

And what about input/output impedance ? Has anybody experience
in using Kenwood filters in the JRC NRD525?

Thanks

Alberto I2PHD

379. Re: Quartz filter for the NRD525

Yahoo group: nrd-525-535
Date: 2003-05-20 19:27:17 UTC
From: Ari Kilponen
Topic: 377 Message: 379

I am not so good in receiver techniques, but I am afraid it won't be
a good solution. What are you listening to: CW? It's far too narrow
for listening to speech and music, both on AM and SSB.

A ceramic Murata filter is a good choice and instructions to fit
input and output impedances are well available. But at least here in
Finland we face difficulties in obtaining Murata products: an
importing company said that one must place order of minimum 100 units
(ouch!) of each filter...

--- In nrd-525-535@yahoogroups.com, Alberto di Bene <dibene@u...>
wrote:
> I have been offered a Kenwood 455kHz, 500Hz wide, xtal filter
> for my NRD525, for a very good price.
>
> The problem is that the center frequency of that filter is 455.7kHz
> Do you think that those 700Hz can make the filter not so
> effective? Probably I can use the PBS control to compensate for
> that, but would like to hear words of wisdom.
>
> And what about input/output impedance ? Has anybody experience
> in using Kenwood filters in the JRC NRD525?
>
> Thanks
>
> Alberto I2PHD

380. CMH-530

Yahoo group: nrd-525-535
Date: 2003-05-21 03:00:07 UTC
From: Brian Denley
Topic: 380 Message: 380

Has anyone used this option with their 535? Any comments?
Thanks
Brian Denley
http://home.attbi.com/~bdenley/index.html

381. RE: [nrd-525-535] CMH-530

Yahoo group: nrd-525-535
Date: 2003-05-21 03:07:55 UTC
From: Chuck Yarbrough
Topic: 380 Message: 381

Yes, both my 525 and 535D have that option. I don't know how useful it is. It does provide some nice blinking lights though! As for a RTTY decoder I'm not sure that it is worth the money. Getting an old Universal M-6 or M-7K decoder would be much more feasible.

Still, there is some satisfaction in having EVERY option available for a radio. ;-)

73s,

Chuck

-----Original Message-----
From: Brian Denley [mailto:bdenley@...]
Sent: Tuesday, May 20, 2003 23:00
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] CMH-530

Has anyone used this option with their 535? Any comments?
Thanks
Brian Denley
http://home.attbi.com/~bdenley/index.html

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382. Re: [nrd-525-535] CMH-530

Yahoo group: nrd-525-535
Date: 2003-05-21 03:12:54 UTC
From: Brian Denley
Topic: 380 Message: 382

Thanks Chuck.
Brian
http://home.attbi.com/~bdenley/index.html
----- Original Message -----
From: "Chuck Yarbrough" <wampus@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, May 20, 2003 11:07 PM
Subject: RE: [nrd-525-535] CMH-530

> Yes, both my 525 and 535D have that option. I don't know how useful it is.
> It does provide some nice blinking lights though! As for a RTTY decoder
I'm
> not sure that it is worth the money. Getting an old Universal M-6 or M-7K
> decoder would be much more feasible.
>
> Still, there is some satisfaction in having EVERY option available for a
> radio. ;-)
>
> 73s,
>
> Chuck

383. JRC NRD 535G - HF Receiver + NVA 319

Yahoo group: nrd-525-535
Date: 2003-05-21 07:41:03 UTC
From: kofi@freenet.de
Topic: 383 Message: 383

I got this a few years ago from my uncle who is a real "shortwave-freak".
But I never found the time to start using/ listening with it. So it "slept"
packed in my board for years and it is almost like a new one.

I just know that this is a good one and now that I have to move flat I thought
others would love to own/ use it.

So just have a look at:
http://cgi.ebay.de/ws/eBayISAPI.dll?ViewItem&item=3327204973&category=8259

Any question? Just ask me and I will try to answer.

It will be there till tomorrow (05-22-2003) afternoon.

Best regards
Andreas Fritzsche

--
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Ueber 1. Mio. Angebote. Startpreise ab ? 1,-
http://www.freenet.de/tipp/shopping/ebay

384. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2003-05-21 11:37:46 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 384

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /DRM/Mixerflyer.pdf
Uploaded by : jmgirard2001 <jmgirard2001@...>
Description : Schneider mixer

You can access this file at the URL

http://groups.yahoo.com/group/nrd-525-535/files/DRM/Mixerflyer.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jmgirard2001 <jmgirard2001@...>

385. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2003-05-21 11:42:43 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 385

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /DRM/DRM.pdf
Uploaded by : jmgirard2001 <jmgirard2001@...>
Description : DRM mixer and Fraunhofer software

You can access this file at the URL

http://groups.yahoo.com/group/nrd-525-535/files/DRM/DRM.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jmgirard2001 <jmgirard2001@...>

386. Re: Quartz filter for the NRD525

Yahoo group: nrd-525-535
Date: 2003-05-21 15:41:35 UTC
From: adibene
Topic: 377 Message: 386

--- In nrd-525-535@yahoogroups.com, "Ari Kilponen" <ark@u...> wrote:
> What are you listening to: CW? It's far too narrow
> for listening to speech and music, both on AM and SSB.
>
> A ceramic Murata filter is a good choice and instructions to fit
> input and output impedances are well available. But at least here
in
> Finland we face difficulties in obtaining Murata products: an
> importing company said that one must place order of minimum 100
units
> (ouch!) of each filter...
>
Ari,
thanks for the reply. Yes, CW is my intended goal, I won't surely
use a 500Hz filter for voice! About Murata ceramic filters, they have
a very poor shape factor, and a not so good ultimate rejection.
That filter would be ideal for CW, I just have to make sure that those
700Hz are of no consequence. About input/output impedance, I think I
can measure what the Kenwood filter likes more, but it will take time
so I would have preferred to have a ready-made answer!
Thanks anyway.

Alberto I2PHD

387. Re: [nrd-525-535] CMH-530

Yahoo group: nrd-525-535
Date: 2003-05-21 21:04:04 UTC
From: Fabrizio Magrone
Topic: 380 Message: 387

Hi Brian,

>Has anyone used this option with their 535? Any comments?

with any computer, even old ones, and any RTTY freeware or shareware you'll get much better decoding in many more modes. So this option is of no use at all, unless you consider it a collector's item.

73

Fabrizio

Fabrizio Magrone, Forli, Italy (JRC NRD-535, ICOM IC-R71, W41PC, 30m lw)
fabrizio.magrone@...
fmagrone@...

388. Just got my new 535D

Yahoo group: nrd-525-535
Date: 2003-05-24 02:50:18 UTC
From: Brian Denley
Topic: 388 Message: 388

I have just received my new 535D (it was still sealed in plastic and the packing was still inside the top cover) and I am quite impressed so far. The tuning knob is much better then my R8A and even smoother than my R-5000. I am somewhat surprised that the mode switch doesn't automatically select a appropriate filter. Am I missing a setting?
Thanks for any advice.
Brian Denley
http://home.attbi.com/~bdenley/index.html

389. 525 ATTenuation

Yahoo group: nrd-525-535
Date: 2003-05-24 15:55:22 UTC
From: Dan Robinson
Topic: 389 Message: 389

Has anyone figured out how to get the other two stages
of attenuation going in the 525?

There are three (ATT1, ATT2, ATT3) in the LED
panel...

thanks

390. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2003-05-24 17:13:41 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 390

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /FL3_Doc.zip
Uploaded by : cyarbrough27705 <wampus@...>
Description : Datong FL2/3 Instruction Manuals

You can access this file at the URL

http://groups.yahoo.com/group/nrd-525-535/files/FL3_Doc.zip

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

cyarbrough27705 <wampus@...>

391. Re: 525 ATTenuation

Yahoo group: nrd-525-535
Date: 2003-05-25 10:10:51 UTC
From: christophe525
Topic: 389 Message: 391

Les voyants ATT1 et ATT2 ne sont pas utilisés dans le NRD525.
Toutefois, ils sont adressables dans le cas d'une éventuelle
modification.

Voir la page http://perso.wanadoo.fr/geip/NRD525.htm , lien suivant:

"Dialogue entre la carte CPU et carte DISPLAY",
"--Sens CPU=> Display",
tableau N°1.

Christophe F-11676
QRV@...

392. Re: Just got my new 535D

Yahoo group: nrd-525-535
Date: 2003-05-26 06:59:37 UTC
From: Ari Kilponen
Topic: 388 Message: 392

No, the mode switch does not change filter. But the memory function preserves all push button settings, such as frequency, receiving mode, selected filter etc.

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <bdenley@a...> wrote:
> I have just received my new 535D (it was still sealed in plastic and the
> packing was still inside the top cover) and I am quite impressed so far.
> The tuning knob is much better then my R8A and even smoother than my R-5000.
> I am somewhat surprised that the mode switch doesn't automatically select a
> appropriate filter. Am I missing a setting?
> Thanks for any advice.
> Brian Denley
> http://home.attbi.com/~bdenley/index.html

393. WorldStationTM 3.1 / 535D Released with DRM Add-On

Yahoo group: nrd-525-535
Date: 2003-05-26 22:18:18 UTC
From: dxtrainc
Topic: 393 Message: 393

Dxtra's new WorldStationTM 3.1 radio control software is shipping for the Japan Radio 535D receiver. Advanced features of WS 3.1 include:

* HyperScanTM (ability to scan and visualize multiple bands at once). The 535D is an excellent scanning radio.

* Radio Clustering (adds the capability to background scan - any supported radio can be used as a dedicated scanner).

* DRM (Digital Radio Mondiale capability using the RX-320D as an outboard DRM processor - your 535D is the primary radio).

* Networking (TCP/IP support built-in).

* Real-time ILG database support(e.g. 1 minute "What's On" updates 24/7. Real-time lookups when you click a frequency)

* Scheduled Listening

* Memory Table scanning

... and much more!

A follow-up driver will be released for the JRC 545 in June. This driver only supports the 535D.

For interested JRC owners, I've started a new "WorldStation" group on yahoo, with a screen shot and full driver integration testing details for the 535D, as well as other supported radios.

There is a also screen shot of the software posted in the News section of the web site.

73's

Bob Griffin

www.dxtra.com

WS 3.1 driver list: RX-320/D, RX-340, RX-350, Drake R8A/B, JRC 535D

394. Re: 525 ATTenuation

Yahoo group: nrd-525-535
Date: 2003-05-28 20:51:37 UTC
From: christophe525
Topic: 389 Message: 394

Do you think Christophe, that adressing ATT2 and ATT3 via your
modified firmware of NRD 525 is possible and will effectivelly
produce 2 more attenuation levels?
Or nothing more that lighting ATT2 and ATT3 ?

RE:
Non, en fait, seul "ATT" est utilisé dans le NRD525.
Les voyants "ATT1" et "ATT2" ne sont pas utilisés et le NRD525 n'est
pas équipé pour.

Pour avoir 1 ou 2 étages d'atténuateurs supplémentaires, il faudrait
en fait ajouter 1 ou 2 relais sur la carte CFL-205 ainsi que sur la
carte CHE-85. De plus, un câblage d'adressage serait nécessaire, en
supposant qu'il y ai assez de place dans l'EPROM pour effectuer cette
modification logicielle.
En tout cas, j'y ai pensé, mais j'ai d'autres projets en étude...
J'aimerai remplacer dans un premier temps l'EPROM 2764 par une 27128
(capacité doublée), ce qui permettrait d'effectuer de nombreuses
modifications et améliorations...
Le travail est long !!!

Christophe F-11676
QRV@wanadoo.fr

http://perso.wanadoo.fr/geip/NRD525.htm

395. Re: 525 Attenuation

Yahoo group: nrd-525-535
Date: 2003-05-29 20:19:50 UTC
From: Dan Robinson
Topic: 395 Message: 395
Attachments: 1 described; binary payloads are missing from this source WARC

There has got to be someone out there who knows whether
it's at all possible to have three level ATT in the 525???
Is this firmware change, which I could not read in French,
something that might be available in future?

thanks

396. Re: 525 Attenuation

Yahoo group: nrd-525-535
Date: 2003-05-30 19:20:14 UTC
From: Alberto di Bene
Topic: 396 Message: 396

Dan Robinson <darobin@...> wrote:

>There has got to be someone out there who knows whether
>it's at all possible to have three level ATT in the 525???
>Is this firmware change, which I could not read in French,
>something that might be available in future?
>
>thanks
>
>
If you look at the schematic of the 525 you can easily see that there is
just one relay that inserts just one level of attenuation.
If you change the firmware you can light the other ATTx leds on the display,
but that's all. No different levels of attenuation will be inserted.

Lighting the leds doesn't do the magic. You have to put extra relays, extra
resistors and extra drivers on the board, besides cutting some traces and
adding some wires. Doable, but not for the inexperienced.

73 Alberto I2PHD

397. Re: 525 Attenuation

Yahoo group: nrd-525-535
Date: 2003-05-31 03:33:54 UTC
From: Dan Robinson
Topic: 396 Message: 397

Thanks -- that was just the info I was seeking!

> If you look at the schematic of the 525 you can easily see that there is
> just one relay that inserts just one level of attenuation.
> If you change the firmware you can light the other ATTx leds on the
display,
> but that's all. No different levels of attenuation will be inserted.
>
> Lighting the leds doesn't do the magic. You have to put extra
relays, extra
> resistors and extra drivers on the board, besides cutting some
traces and
> adding some wires. Doable, but not for the inexperienced.
>
> 73 Alberto I2PHD

398. NRDWin

Yahoo group: nrd-525-535
Date: 2003-05-31 04:06:05 UTC
From: Brian Denley
Topic: 398 Message: 398

Even though I have a 535D, I downloaded and tried out JRC's control program for the 545: NRDWin. The program ran - sort of- and while most commands worked, some didn't. Did JRC ever release a control program for the NRD-535 radio? How about the 525? I realize there any several thrid party programs out there. I was just curious.
Brian Denley
http://home.attbi.com/~bdenley/index.html

399. Re: [nrd-525-535] NRDWin

Yahoo group: nrd-525-535
Date: 2003-06-01 13:36:29 UTC
From: C. van Ravenswaaij
Topic: 398 Message: 399

Brian,

Try Jan Arkesteijn's wonderful software named RxWings. It is made for
AR7030, RX320 and NRD535. In the near future a 545 version will be
available as well.
The url is: http://home.planet.nl/~jarkest/swl/swl.html

Regards,

Cornel van Ravenswaaij

At 31-5-2003 06:06, you wrote:
>Even though I have a 535D, I downloaded and tried out JRC's control program
>for the 545: NRDWin. The program ran - sort of- and while most commands
>worked, some didn't. Did JRC ever release a control program for the NRD-535
>radio? How about the 525? I realize there any several thrid party programs
>out there. I was just curious.
>Brian Denley
><http://home.attbi.com/~bdenley/index.html>http://home.attbi.com/~bdenley/index.html

400. NRD 535 firmware update? rubber tuning knob fix?

Yahoo group: nrd-525-535
Date: 2003-06-02 16:17:12 UTC
From: jmblack42
Topic: 400 Message: 400

Hi all.

I have two questions, one of which I know was asked before but I never saw an answer. Forgive me if this is old ground.

1. My 535's BWC control only works in the Intermediate Bandwidth. I understand later models allowed its use in all bandwidths. Is there any way to make it work on mine? Is there a way to update the firmware?

2. The rubber ring on the tuning knob has gotten loose over time, and slips a lot. Is there any way to shrink the ring back to a snug fit, or is there a good replacement available?

regards,

John KB5AG

401. Re: [nrd-525-535] NRD 535 firmware update? rubber tuning knob fix?

Yahoo group: nrd-525-535
Date: 2003-06-02 16:47:43 UTC
From: Fabrizio Magrone
Topic: 400 Message: 401

Hi John,

>1. My 535's BWC control only works in the Intermediate Bandwidth. I
>understand later models allowed its use in all bandwidths. Is there
>any way to make it work on mine? Is there a way to update the
>firmware?

The updated firmware is on two EPROMs; I ordered them from a JRC dealer and changed them several years ago. I don't know whether they are still available. I seem to remember there was a simple hardware modification too to make the BWC work on Inter and Wide bandwidths. BWC doesn't work in Aux and Narrow positions anyway, at least in my upgraded 535.

>2. The rubber ring on the tuning knob has gotten loose over time, and
>slips a lot. Is there any way to shrink the ring back to a snug fit,
>or is there a good replacement available?

Same problem here, no solution so far :-(

Hope this helps; 73s

Fabrizio

402. Re: NRD 535 firmware update? rubber tuning knob fix?

Yahoo group: nrd-525-535
Date: 2003-06-03 14:50:04 UTC
From: rezeiwer
Topic: 400 Message: 402

Hi,
I enquired this software upgrade from JRC USA just few months ago,
but they informed sorry we do not have anymore the eproms available.

If there is somebody who has the latest software and ability to copy
and burn eproms I would like to buy one.

Same problem with the tuning wheel here, maybe you can try a piece
of wool / cotton string under the rubber ring. I had the same problem
with the whole VFO knob, I put some wool in the slot under the
button.

73 Jarmo

--- In nrd-525-535@yahoogroups.com, Fabrizio Magrone
<fabrizio.magrone@t...> wrote:
> Hi John,
>
> >1. My 535's BWC control only works in the Intermediate Bandwidth.
I
> >understand later models allowed its use in all bandwidths. Is
there
> >any way to make it work on mine? Is there a way to update the
> >firmware?
>
> The updated firmware is on two EPROMs; I ordered them from a JRC
dealer and
> changed them several years ago. I don't know whether they are still
> available. I seem to remember there was a simple hardware
modification too
> to make the BWC work on Inter and Wide bandwidths. BWC doesn't work
in Aux
> and Narrow positions anyway, at least in my upgraded 535.
>
> >2. The rubber ring on the tuning knob has gotten loose over time,
and
> >slips a lot. Is there any way to shrink the ring back to a snug
fit,
> >or is there a good replacement available?
>
> Same problem here, no solution so far :-(
>
> Hope this helps; 73s
>
> Fabrizio

404. RE: [nrd-525-535] Loved the photos section, here is mine!

Yahoo group: nrd-525-535
Date: 2003-06-04 22:02:55 UTC
From: Bill Carney
Topic: 404 Message: 404

Please ignore this message. I've deleted it from the message archives,
banned this user, and made sure new users can't post w/out my approval.

Bill Carney
Moderator

> -----Original Message-----
> From: butterfly76f34c14 [mailto:butterfly76f34c14@...]
> Sent: Wednesday, June 04, 2003 5:34 PM
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] Loved the photos section, here is mine!
>
>
> I thought I would share my photos since you guys were nice
> enough to put yours up in the group.

405. Re: [nrd-525-535] Loved the photos section, here is mine!

Yahoo group: nrd-525-535
Date: 2003-06-05 00:27:18 UTC
From: Mike Wolfson
Topic: 404 Message: 405

There have been several messages over the last few days of the same type on the Sony 7600 group on yahoogroups too.

Mike

----- Original Message -----
From: Bill Carney
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, June 04, 2003 6:02 PM
Subject: RE: [nrd-525-535] Loved the photos section, here is mine!

Please ignore this message. I've deleted it from the message archives,
banned this user, and made sure new users can't post w/out my approval.

Bill Carney
Moderator

> -----Original Message-----
> From: butterfly76f34c14 [mailto:butterfly76f34c14@...]
> Sent: Wednesday, June 04, 2003 5:34 PM
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] Loved the photos section, here is mine!
>
>
> I thought I would share my photos since you guys were nice
> enough to put yours up in the group.

Yahoo! Groups Sponsor

To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

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406. Radio For Sale

Yahoo group: nrd-525-535
Date: 2003-06-23 14:31:04 UTC
From: Mike Wolfson
Topic: 406 Message: 406

FOR SALE: NRD535d, serial number 57631, Version "E" ROM, purchased November 1992, original owner, non-smoker, Kiwa modified (ultimate rejection, audio, sync detector, tone control), looks and sounds great, includes: original power cable, DC power cord, manual, box, receipts and computer interface cable. $850 plus actual shipping (and insurance if desired). Mike Wolfson 419-289-7461 evenings and weekends or mwolfson@....

407. 535 filter modifications

Yahoo group: nrd-525-535
Date: 2003-06-30 11:14:01 UTC
From: Ari Kilponen
Topic: 407 Message: 407

We all know that the selectivity of 535 can be improved by adding filters into the option positions, and even by replacing the FL3 (= CLF-D6) with a better one.

But has anyone of you replaced the FL2 filter (LF-B12)? Mr. Ilpo Leppänen, our Finnish expert in receiver techniques, advises to replace it with Murata CFW455HT. Any comments?

As far as I understand receiver techniques of 535 and its schematic diagram of CFH-36A IF Filter Unit board, signals first passes thru the FL2 filter, and after that thru one of the other (FL3-6) filters. Correct? And the main question: how does the replacing of FL2 filter effect performance of latter filters in signal chain?

My 535 present option filters (FL5-6) are Murata CFJ455K5 and K6. In FL3 position there is a Kiwa CLF-D2K. FL4 (MF-31C) is the original one.

Btw, Ilpo Leppänen has new web pages: http://www.oh5hoi.com/. Unfortunately they are still only in Finnish. If there is an article, which you guys wish to be translated into English, drop a line into this Message section. I cannot guarantee any translation, and at least it takes time...

408. LR3671D IC

Yahoo group: nrd-525-535
Date: 2003-07-14 22:08:14 UTC
From: ballynafie
Topic: 408 Message: 408

Does anybody know if it is possible to get an LR3671D integrated circuit. My NRD-525 tuning knob is not working. It is putting out the correct pulses and I suspect that the IC is faulty. Any help in tracking one down would be greatly appreciated.

Regards

Ian

409. NRD-525 For Sale...

Yahoo group: nrd-525-535
Date: 2003-07-15 13:04:48 UTC
From: Evan Reilly
Topic: 409 Message: 409

I Have an NRD 525 for sale 'As Is'.
It has the PC interface and cable, also filter upgrades and latest ROM upgrade.
I tried to replace the battery with a PC-type battery holder & new battery, but the radio has some other problem & no longer works.
Physical condition of Unit is very good.
Have original owner's manual & other documentation.
For Sale, Best Offer over $300.00
Buyer to pay shipping.

****
Evan N. Reilly, M.C.P.
Network Engineer
****

_____
MSN 8 with e-mail virus protection service: 2 months FREE*
http://join.msn.com/?page=features/virus

410. 535 D - 535 Db?

Yahoo group: nrd-525-535
Date: 2003-07-29 02:03:35 UTC
From: Brian Denley
Topic: 410 Message: 410

I keep seeing references to a NRD-535Db. My receiver says '535D' on the front but it does have the variable bandwidth in the AM mode. What, exactly, is a 535Db? Can you tell by serial number?Thanks
Brian

411. Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

Yahoo group: nrd-525-535
Date: 2003-07-30 22:22:00 UTC
From: jeraldvolpe
Topic: 411 Message: 411

... and new member of this group. I am not sure what options are in the receiver till it actually gets here. I know I will be looking for some thoughts on adding IF filters (I am mostly a SWBCB listener these days) and will be looking for a source for a RS-232 interface option as I am buried in computers here. I am also looking for an extender board and service manual but no hurry.

I have read most of the old messages on this forum, downloaded the applicable files and bounced over to the various links. I am happy to see this group here on Yahoo.

Jerald
Albany, CA

412. Re: [nrd-525-535] Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

Yahoo group: nrd-525-535
Date: 2003-07-30 23:11:02 UTC
From: Brian Denley
Topic: 411 Message: 412

Jerald:
Good luck with yoru receiver!
Brian Denley
Boston MA
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "jeraldvolpe" <jervolpe@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, July 30, 2003 6:22 PM
Subject: [nrd-525-535] Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

> ... and new member of this group. I am not sure what options are in
> the receiver till it actually gets here. I know I will be looking for
> some thoughts on adding IF filters (I am mostly a SWBCB listener
> these days) and will be looking for a source for a RS-232 interface
> option as I am buried in computers here. I am also looking for an
> extender board and service manual but no hurry.
>
> I have read most of the old messages on this forum, downloaded the
> applicable files and bounced over to the various links. I am happy to
> see this group here on Yahoo.
>
> Jerald
> Albany, CA

413. Re: [nrd-525-535] Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

Yahoo group: nrd-525-535
Date: 2003-07-31 00:06:58 UTC
From: GeorgeF.
Topic: 411 Message: 413

At 10:22 PM 7/30/2003 +0000, you wrote:
>... and new member of this group. I am not sure what options are in
>the receiver till it actually gets here. I know I will be looking for
>some thoughts on adding IF filters (I am mostly a SWBCB listener
>these days) and will be looking for a source for a RS-232 interface
>option as I am buried in computers here. I am also looking for an
>extender board and service manual but no hurry.
>
>I have read most of the old messages on this forum, downloaded the
>applicable files and bounced over to the various links. I am happy to
>see this group here on Yahoo.
>
>Jerald
>Albany, CA

Hi Jerald,
Its a decent radio, I've had one for about 5 years and mine also came from eBay. I never added any of the filters as I'm not really into DX. Most of my listening is USCG, Miliatry, and some HF Aero Bands. The only suggestion I can offer is an EXTERNAL SPEAKER! The internal on is not very good.....

George
http://www.MilAirComms.com
http://www.MilAirComms.com/shack.html Shack photos including my NRD-525.

414. Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

Yahoo group: nrd-525-535
Date: 2003-07-31 06:43:42 UTC
From: jeraldvolpe
Topic: 411 Message: 414

> Hi Jerald,
> Its a decent radio, I've had one for about 5 years and mine also
came from
> eBay. I never added any of the filters as I'm not really into DX.
Most of
> my listening is USCG, Miliatry, and some HF Aero Bands. The only
> suggestion I can offer is an EXTERNAL SPEAKER! The internal on is
not very
> good.....
>
> George
> http://www.MilAirComms.com
> http://www.MilAirComms.com/shack.html Shack photos including my
NRD-525.

Hey George! Thanks for reply. I'm crossing my fingers that this will be a good eBay purchase.... lately I have had a few disappointments. The seller only knows that it has the RTTY option and never replied on filters or serial port. I'll just have to wait to see what comes with it when it comes.

I have read that the internal speaker is a bit sad but isn't that the norm rather than the exception? All my receivers have their tape or line out audio routed into a Mackie 12 channel audio mixer and from there to a common headset or an Altec Lansing sound system... so the audio I listen to is pretty good regardless of the receiver is pretty good. You would be surprised how different... or unique... each receiver type can be from the others. At the moment I think my Ten-Tec RX-350 has the fullest audio of my receivers. My Allied SX-190 is the most mellow... the DX-394s sort of lifeless... the DX-302 just noisy and the Lafayette BCR-101 so so.

It will be interesting to listen to the 525 and see how it compares audio wise, but I am most interested in how it works in a very noisy environment.

Jerald

415. Re: [nrd-525-535] Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

Yahoo group: nrd-525-535
Date: 2003-07-31 14:30:04 UTC
From: GeorgeF.
Topic: 411 Message: 415

>
>
>Hey George! Thanks for reply. I'm crossing my fingers that this will
>be a good eBay purchase.... lately I have had a few disappointments.
>The seller only knows that it has the RTTY option and never replied
>on filters or serial port. I'll just have to wait to see what comes
>with it when it comes.
>
>I have read that the internal speaker is a bit sad but isn't that the
>norm rather than the exception? All my receivers have their tape or
>line out audio routed into a Mackie 12 channel audio mixer and from
>there to a common headset or an Altec Lansing sound system... so the
>audio I listen to is pretty good regardless of the receiver is pretty
>good. You would be surprised how different... or unique... each
>receiver type can be from the others. At the moment I think my Ten-
>Tec RX-350 has the fullest audio of my receivers. My Allied SX-190 is
>the most mellow... the DX-394s sort of lifeless... the DX-302 just
>noisy and the Lafayette BCR-101 so so.
>
>It will be interesting to listen to the 525 and see how it compares
>audio wise, but I am most interested in how it works in a very noisy
>environment.
>
>Jerald

Everyone has different thoughts on what they think audio should sound like. But yes, most internal speakers aren't that great. However I have a Yaesu FRG-7 and a Kenwood R-5000 both of which I actually like and use the internal audio. I also had an R-2000 (Kenwood) and R-71a (Icom) which I didn't like the audio.

I also have a Kenwood TS-520 (ham band only transceiver) which has good internal audio...

But audio is something that everyone will a different opinion of...

Good Luck with you new radio.
George
http://www.MilAirComms.com

416. Re: [nrd-525-535] Digest Number 177

Yahoo group: nrd-525-535
Date: 2003-07-31 21:11:00 UTC
From: darobin
Topic: 416 Message: 416

Re 525

You will enjoy your 525 -- the main issue as far as I'm concerned is
the dimming of the VFD (Vacuum Flourescent Displays as Dallas
reminded me recently).

The 525's tuning knob is among the smoothest if not the best
I havea ever used (except for one of my SP600s) and the
525 is also one of the more sensitive receivers ever produced..

nrd-525-535@yahoogroups.com wrote:

>
> To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
> --
>
> There are 4 messages in this issue.
>
> Topics in this digest:
>
> 1. Purchased a used NRD-525 off eBay.... (anxiously awaiting!)
> From: "jeraldvolpe" <jervolpe@...>
> 2. Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)
> From: "Brian Denley" <b.denley@...>
> 3. Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)
> From: "GeorgeF." <av8tor@...>
> 4. Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)
> From: "jeraldvolpe" <jervolpe@...>
>
> ____
> ____
>
> Message: 1
> Date: Wed, 30 Jul 2003 22:22:00 -0000
> From: "jeraldvolpe" <jervolpe@...>
> Subject: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)
>
> ... and new member of this group. I am not sure what options are in
> the receiver till it actually gets here. I know I will be looking for
> some thoughts on adding IF filters (I am mostly a SWBCB listener
> these days) and will be looking for a source for a RS-232 interface
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> extender board and service manual but no hurry.
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> I have read most of the old messages on this forum, downloaded the
> applicable files and bounced over to the various links. I am happy to
> see this group here on Yahoo.
>
> Jerald
> Albany, CA
>
> --
> --
>
> Message: 2
> Date: Wed, 30 Jul 2003 19:11:02 -0400
> From: "Brian Denley" <b.denley@...>
> Subject: Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)
>
> Jerald:
> Good luck with yoru receiver!
> Brian Denley
> Boston MA
> http://home.comcast.net/~b.denley/index.html
>
> ----- Original Message -----
> From: "jeraldvolpe" <jervolpe@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Wednesday, July 30, 2003 6:22 PM
> Subject: [nrd-525-535] Purchased a used NRD-525 off eBay.... (anxiously
> awaiting!)
>
> > ... and new member of this group. I am not sure what options are in
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> > I have read most of the old messages on this forum, downloaded the
> > applicable files and bounced over to the various links. I am happy to
> > see this group here on Yahoo.
> >
> > Jerald
> > Albany, CA
>
> --
> --
>
> Message: 3
> Date: Wed, 30 Jul 2003 20:06:58 -0400
> From: "GeorgeF." <av8tor@...>
> Subject: Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)
>

> At 10:22 PM 7/30/2003 +0000, you wrote:
> >... and new member of this group. I am not sure what options are in
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> >I have read most of the old messages on this forum, downloaded the
> >applicable files and bounced over to the various links. I am happy to
> >see this group here on Yahoo.
> >
> >Jerald
> >Albany, CA
>
> Hi Jerald,
> Its a decent radio, I've had one for about 5 years and mine also came from
> eBay. I never added any of the filters as I'm not really into DX. Most of
> my listening is USCG, Miliatry, and some HF Aero Bands. The only
> suggestion I can offer is an EXTERNAL SPEAKER! The internal on is not very
> good.....
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> George
> http://www.MilAirComms.com
> http://www.MilAirComms.com/shack.html Shack photos including my NRD-525.
>
> --
> --
>
> Message: 4
> Date: Thu, 31 Jul 2003 06:43:42 -0000
> From: "jeraldvolpe" <jervolpe@...>
> Subject: Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)
>
> > Hi Jerald,
> > Its a decent radio, I've had one for about 5 years and mine also
> came from
> > eBay. I never added any of the filters as I'm not really into DX.
> Most of
> > my listening is USCG, Miliatry, and some HF Aero Bands. The only
> > suggestion I can offer is an EXTERNAL SPEAKER! The internal on is
> not very
> > good.....
> >
> > George
> > http://www.MilAirComms.com
> > http://www.MilAirComms.com/shack.html Shack photos including my
> NRD-525.
>
> Hey George! Thanks for reply. I'm crossing my fingers that this will

> be a good eBay purchase.... lately I have had a few disappointments.
> The seller only knows that it has the RTTY option and never replied
> on filters or serial port. I'll just have to wait to see what comes
> with it when it comes.
>
> I have read that the internal speaker is a bit sad but isn't that the
> norm rather than the exception? All my receivers have their tape or
> line out audio routed into a Mackie 12 channel audio mixer and from
> there to a common headset or an Altec Lansing sound system... so the
> audio I listen to is pretty good regardless of the receiver is pretty
> good. You would be surprised how different... or unique... each
> receiver type can be from the others. At the moment I think my Ten-
> Tec RX-350 has the fullest audio of my receivers. My Allied SX-190 is
> the most mellow... the DX-394s sort of lifeless... the DX-302 just
> noisy and the Lafayette BCR-101 so so.
>
> It will be interesting to listen to the 525 and see how it compares
> audio wise, but I am most interested in how it works in a very noisy
> environment.
>
> Jerald
>
> --
> --
>
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417. Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

Yahoo group: nrd-525-535
Date: 2003-08-02 12:15:58 UTC
From: Wim van Berkom
Topic: 411 Message: 417

--- In nrd-525-535@yahoogroups.com, "GeorgeF." <av8tor@f...> wrote:
> Everyone has different thoughts on what they think audio should sound > like. But yes, most internal speakers aren't that great.

Hi George,
If someone doesn't like the audio of the R-2000, I cann't believe he is going to enjoy the 525's internal audio.
I use the internal speaker of my FT-101ZD, R-2000 and even the FT-221R, but I cann't listen to the 525's internal speaker for longer than a minute.
73, Wim

418. SV: [nrd-525-535] Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

Yahoo group: nrd-525-535
Date: 2003-08-02 12:28:13 UTC
From: Bjarne Mjelde
Topic: 411 Message: 418

Maybe it's my ears that are crippled - however I do not find the audio quality of the 525 to be fatiguing or lacking audio recovery. Of course it depends on the type of listening - and of course which settings are used. In many cases, the use of slow AGC instead of fast will improve audio by a substantial amount.

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway

-----Opprinnelig melding-----
Fra: Wim van Berkom [mailto:pa3alg@...]
Sendt: 2. august 2003 12:16
Til: nrd-525-535@yahoogroups.com
Emne: [nrd-525-535] Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

--- In nrd-525-535@yahoogroups.com, "GeorgeF." <av8tor@f...> wrote:
> Everyone has different thoughts on what they think audio should sound > like. But yes, most internal speakers aren't that great.

Hi George,
If someone doesn't like the audio of the R-2000, I cann't believe he is going to enjoy the 525's internal audio.
I use the internal speaker of my FT-101ZD, R-2000 and even the FT-221R, but I cann't listen to the 525's internal speaker for longer than a minute.
73, Wim

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419. Re: [nrd-525-535] Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

Yahoo group: nrd-525-535
Date: 2003-08-02 14:59:36 UTC
From: Dallas Lankford
Topic: 411 Message: 419

I'll vote with Bjarne. Also, any knowledgeable DXer is going to use high quality (but not necessarily high cost) headphones for DXing.

Best regards,

Dallas
----- Original Message -----
From: Bjarne Mjelde
To: nrd-525-535@yahoogroups.com
Sent: Saturday, August 02, 2003 7:28 AM
Subject: SV: [nrd-525-535] Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

Maybe it's my ears that are crippled - however I do not find the audio quality of the 525 to be fatiguing or lacking audio recovery. Of course it depends on the type of listening - and of course which settings are used. In many cases, the use of slow AGC instead of fast will improve audio by a substantial amount.

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway

-----Opprinnelig melding-----
Fra: Wim van Berkom [mailto:pa3alg@...]
Sendt: 2. august 2003 12:16
Til: nrd-525-535@yahoogroups.com
Emne: [nrd-525-535] Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

--- In nrd-525-535@yahoogroups.com, "GeorgeF." <av8tor@f...> wrote:
> Everyone has different thoughts on what they think audio should sound > like. But yes, most internal speakers aren't that great.

Hi George,
If someone doesn't like the audio of the R-2000, I cann't believe he is going to enjoy the 525's internal audio.
I use the internal speaker of my FT-101ZD, R-2000 and even the FT-221R, but I cann't listen to the 525's internal speaker for longer than a minute.
73, Wim

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420. Re: [nrd-525-535] Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

Yahoo group: nrd-525-535
Date: 2003-08-02 17:38:22 UTC
From: axel.lehmann@t-online.de
Topic: 411 Message: 420

The internal speaker of the NRD-525 is really lousy. In my experience, any small box is better, but most time I use earphones. And I can strongly recommend Dallas' mod for the AGC. I put it in and the AM reception is MUCH better!

Kind regards - Axel, DG3AL

421. NRD-525 came. A real mixed bag.

Yahoo group: nrd-525-535
Date: 2003-08-02 19:37:11 UTC
From: jeraldvolpe
Topic: 421 Message: 421

First, internal speak is not to pleasant but I use outside audio mixer/amp off rec out so no biggie.

eBay add: "This Receiver is in excellent condition and has the CMH-530 RTTY Demodulator installed. It comes with the original Instruction Manual."..... Buy now for $600!

I am having really bad eBay luck lately or my interpretation of 'excellent condition' is just too strange. OK, the receiver works (now) and all the parts are there. The front panel and knobs are maybe a 9... the buttons a 7. The bezzel is heavily gouged in numberous places and the top cover covered in long, deep... into the metal gouges. At best the bezzel gets a 6 and the cabinet a 5 as the bottom half is in good shape (a definite argument against stacking equipment). Upon power up circuits functioned for a bit but front panel pots are totally dried up and popping in and out while rotating. Volume is uncontrollable. Shortly after turn on smoke came from lower front panel and the fuse blew. Overall I would not rate this as 'excellent condition'. On the positive side it was packed very well.

I had to make a decision on whether to work with it or return it and give a negative feedback... which is not too easy to do actually. I decided as it appeared physically fixable with some effort I would 'suck it up' as Monk would say... and scratch my head. Can two people really see two things so differently. As I really believe most people to be good and reasonable honest I have to say yes to that. But to me 'excellent' is just shy of 'mint'.... maybe not perfect but darn near. I would have rated this as 'less than average for a used radio of its age with numerous paint problems, and very scratchy controls... requiring attention but workable. Sold as is.

I have disassembled it... cleaned it.... removed some 'gue' on the front panel where the burning was coming from... replaced the fuse... sanded down the cabinet down to the metal, primed, painted and baked the finish. Cleaned the knobs thouroughly... I even refinished the outer rim of the plastic bezzel which I didn't want to do. The controls cleaned up but a couple of push buttons are still difficult. and the silver buttons are somewhat pitted (sigh). Reassembled it works and has been on for about 20 hours. Reception is ok but certainly no better than my other receivers so it probably needs a full alignment as well. Eventually I'll find a service manual and an extender board and give that part a go.

So, what were we discussing? audio quality?

Smiling,

Jerald
Albany, CA

422. Re: [nrd-525-535] NRD-525 came. A real mixed bag.

Yahoo group: nrd-525-535
Date: 2003-08-02 19:49:57 UTC
From: GeorgeF.
Topic: 421 Message: 422

Wow I didn☐t realize you paid $600.00 for it. Personally I would have asked for a refund since the ad said excellent condition. I just looked at the eBay listing for that radio, didn☐t say ☐as-is☐.

Several years ago I only paid about $400 for mine (no RTTY board but didn☐t want one either). I had an R-71A and still have a Kenwood R-5000. As far as sensitivity the 525 is no better than my R5000 or the R71A. I had a local shop tune up my 525 but its only equal my R5000.

I know side by side I like the options on the R-5000 better, dual VFO☐s are a big advantage for me. The R-5000 and R71A has that. That was the big thing I miss on the 525 (but I still have the R-5000 and will not sell).

Since the going price is $600 for the 525 I☐m thinking of selling mine and buying an Icom R-8500 (been wanting one of those). Heck my 525 is near mint condition . No scratchingness when adjusting volume

The important thing however is that you☐re happy with your purchase .

George
http://www.MilAirComms.com

At 07:37 PM 8/2/2003 +0000, you wrote:
>First, internal speak is not to pleasant but I use outside audio
>mixer/amp off rec out so no biggie.
>
>eBay add: "This Receiver is in excellent condition and has the CMH-
>530 RTTY Demodulator installed. It comes with the original
>Instruction Manual."..... Buy now for $600!

423. Re: NRD-525 came. A real mixed bag.

Yahoo group: nrd-525-535
Date: 2003-08-02 23:26:37 UTC
From: jeraldvolpe
Topic: 421 Message: 423

--- In nrd-525-535@yahoogroups.com, "GeorgeF." <av8tor@f...> wrote:
> Wow I didn't realize you paid $600.00 for it. Personally I would have
> asked for a refund since the ad said excellent condition. I just looked at
> the eBay listing for that radio, didn't say "as-is".

> The important thing however is that you're happy with your purchase .
>
> George

Well, I have it cleaned up pretty well... Of course it is repainted and even though I do a good job I can never resell it as excellent. But as long as it continues to work at least as well as it is today I will be satisfied. There are two other 525's for sale now. Love it.

I would like to find the computer interface option and maybe add another filter that is just a slight bit sharper than the default AUX (no filter). I really like the tuning knob. Wish my RX-350 felt as smooth.

Take care,

Jerald

424. New NRD-525 owner

Yahoo group: nrd-525-535
Date: 2003-08-03 01:52:23 UTC
From: larrynaumann
Topic: 424 Message: 424

I am new to this group and I just puchased a used NRD-525 today. From the prices I see I got a good price. I paid $250 and it is in very good condition. A few minor wear spots on the corners but no scratches and all buttons and controls work fine. It is serial number 39117. Is this an early or a late model?
As noted, the audio is a bit bad. I was thinking of replacing some of the audio caps as suggested on the Kiwa site. Is this worth the effort? It sounds like it should be worth the effort. I am using an external mini Rat Shack speaker Pro X44AV. It improves the sound quite a bit. I also use the aux filter postion and that helps. Mine has no extra filters but it seems fine to me as is. I am just a casual program listener, not a DX chaser or ute guy.
I ordered the Kiwa AGC mod for $5.00. Is this a good mod to do?
I really like the looks of the radio and the tuning knob is really great.
Anyhow, if anyone has any suggestions or comments feel free to e-mail me.
Thanks
Larry
N0SA

425. Re: New NRD-525 owner

Yahoo group: nrd-525-535
Date: 2003-08-03 07:50:38 UTC
From: jeraldvolpe
Topic: 424 Message: 425

--- In nrd-525-535@yahoogroups.com, "larrynaumann" <n0sa@e...> wrote:
> I am new to this group and I just puchased a used NRD-525 today.
> From the prices I see I got a good price. I paid $250 and it is in
> very good condition. A few minor wear spots on the corners but no
> scratches and all buttons and controls work fine. It is serial
> number 39117. Is this an early or a late model?
> As noted, the audio is a bit bad. I was thinking of replacing
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> of the audio caps as suggested on the Kiwa site. Is this worth the
> effort? It sounds like it should be worth the effort. I am using an
> external mini Rat Shack speaker Pro X44AV. It improves the sound
> quite a bit. I also use the aux filter postion and that helps.
> Mine has no extra filters but it seems fine to me as is. I am
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> a casual program listener, not a DX chaser or ute guy.
> I ordered the Kiwa AGC mod for $5.00. Is this a good mod to do?
> I really like the looks of the radio and the tuning knob is
really
> great.
> Anyhow, if anyone has any suggestions or comments feel free to e-
> mail me.
> Thanks
> Larry
> N0SA

Well, gratz on the find. The asking price is way over what you got yours for. I paid too much, but it was an impulse purchase.

There are some interesting articles in the Files area including one on the AGC mod. It seems that there are at least two variations of 525 with slight differences in the AGC. For now I am going to leave mine alone. I am not mod shy, just want to get use to how it works stock.

I spend some time today looking over the schematics and see that this is a very complicated receiver. Complexity usually translates to more frequent failures over time.. considering both our radios are at least ten years old.... more like fifteen we should relish in the fact that they are working! $250! Nice find.

Jerald

426. SV: [nrd-525-535] Re: New NRD-525 owner

Yahoo group: nrd-525-535
Date: 2003-08-04 03:07:55 UTC
From: Bjarne Mjelde
Topic: 424 Message: 426

I don't know if USD 600 is "too much" for a receiver this class, rather the USD 250 was extremely low. 525's usually sells at USD 500-600+ on ebay, similar prices are found in Euro's in Ebay Germany (an excellent spot for receivers btw).

Larrynaumann: I don't know when the 39xxx range was produced, but the highest s/n I have found so far is 54455, on ebay just a few days ago. One of mine is 54450, produced in 92. My guess is that a 39xxx receiver is a 1987-88 model.

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway
-----Opprinnelig melding-----
Fra: jeraldvolpe [mailto:jervolpe@...]
Sendt: 3. august 2003 07:51
Til: nrd-525-535@yahoogroups.com
Emne: [nrd-525-535] Re: New NRD-525 owner

--- In nrd-525-535@yahoogroups.com, "larrynaumann" <n0sa@e...> wrote:
> I am new to this group and I just puchased a used NRD-525 today.
> From the prices I see I got a good price. I paid $250 and it is in
> very good condition. A few minor wear spots on the corners but no
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> number 39117. Is this an early or a late model?
> As noted, the audio is a bit bad. I was thinking of replacing
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> of the audio caps as suggested on the Kiwa site. Is this worth the
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> external mini Rat Shack speaker Pro X44AV. It improves the sound
> quite a bit. I also use the aux filter postion and that helps.
> Mine has no extra filters but it seems fine to me as is. I am
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> a casual program listener, not a DX chaser or ute guy.
> I ordered the Kiwa AGC mod for $5.00. Is this a good mod to do?
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really
> great.
> Anyhow, if anyone has any suggestions or comments feel free to e-
> mail me.
> Thanks
> Larry
> N0SA

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I spend some time today looking over the schematics and see that this is a very complicated receiver. Complexity usually translates to more frequent failures over time.. considering both our radios are at least ten years old.... more like fifteen we should relish in the fact that they are working! $250! Nice find.

Jerald

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427. Re: [nrd-525-535] Re: New NRD-525 owner

Yahoo group: nrd-525-535
Date: 2003-08-04 03:35:37 UTC
From: Brian Denley
Topic: 424 Message: 427

Don:
I had written him off as well. I had a very good relationship with him as well and I sent him $50 when he was asking for support. The next release of his software was looking very good! Here's hoping it's him and he's OK.
Brian
http://home.comcast.net/~b.denley/index.html
----- Original Message -----
From: "Bjarne Mjelde" <bjarne@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, August 03, 2003 11:07 PM
Subject: SV: [nrd-525-535] Re: New NRD-525 owner

> I don't know if USD 600 is "too much" for a receiver this class, rather the
> USD 250 was extremely low. 525's usually sells at USD 500-600+ on ebay,
> similar prices are found in Euro's in Ebay Germany (an excellent spot for
> receivers btw).
>
> Larrynaumann: I don't know when the 39xxx range was produced, but the
> highest s/n I have found so far is 54455, on ebay just a few days ago. One
> of mine is 54450, produced in 92. My guess is that a 39xxx receiver is a
> 1987-88 model.
>
> Regards,
> Bjarne Mjelde
> Berlevag, Arctic Norway
> -----Opprinnelig melding-----
> Fra: jeraldvolpe [mailto:jervolpe@...]
> Sendt: 3. august 2003 07:51
> Til: nrd-525-535@yahoogroups.com
> Emne: [nrd-525-535] Re: New NRD-525 owner
>
>
> --- In nrd-525-535@yahoogroups.com, "larrynaumann" <n0sa@e...> wrote:
> > I am new to this group and I just puchased a used NRD-525 today.
> > From the prices I see I got a good price. I paid $250 and it is in
> > very good condition. A few minor wear spots on the corners but no
> > scratches and all buttons and controls work fine. It is serial
> > number 39117. Is this an early or a late model?
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> > Mine has no extra filters but it seems fine to me as is. I am
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> > I ordered the Kiwa AGC mod for $5.00. Is this a good mod to do?
> > I really like the looks of the radio and the tuning knob is
> really
> > great.
> > Anyhow, if anyone has any suggestions or comments feel free to e-
> > mail me.
> > Thanks
> > Larry
> > N0SA
>
>
> Well, gratz on the find. The asking price is way over what you got
> yours for. I paid too much, but it was an impulse purchase.
>
> There are some interesting articles in the Files area including one
> on the AGC mod. It seems that there are at least two variations of
> 525 with slight differences in the AGC. For now I am going to leave
> mine alone. I am not mod shy, just want to get use to how it works
> stock.
>
> I spend some time today looking over the schematics and see that this
> is a very complicated receiver. Complexity usually translates to more
> frequent failures over time.. considering both our radios are at
> least ten years old.... more like fifteen we should relish in the
> fact that they are working! $250! Nice find.
>
> Jerald
>
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428. Re: 535 D - 535 Db?

Yahoo group: nrd-525-535
Date: 2003-08-06 21:08:57 UTC
From: Bjarne Mjelde
Topic: 410 Message: 428

A possible explanation was found on Robert Kramer's web site. Quote: Earlier versions of the NRD-535D would not allow the operation of this variable bandwidth control in the AM mode. The newer NRD-535Db activates this control on all reception modes. Unquote. There was no mention of when (s/n wise) the change came. Read more on http://members.aol.com/RKDX/NRD-535Db.html.

Bjarne

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@c...> wrote:
> I keep seeing references to a NRD-535Db. My receiver says '535D' on
> the front but it does have the variable bandwidth in the AM mode.
> What, exactly, is a 535Db? Can you tell by serial number?Thanks
> Brian

429. 525 FREQ ADJ ?

Yahoo group: nrd-525-535
Date: 2003-08-07 02:46:03 UTC
From: larrynaumann
Topic: 429 Message: 429

Is there an easy way to tweak the freq. a bit on the 525. Mine is
off a little bit I think. It would be nice to adjust it if it is
easy enough to do.
Larry N0SA

430. Hein van den Heuvel/EHV/SC/PHILIPS is out of the office.

Yahoo group: nrd-525-535
Date: 2003-08-07 03:03:08 UTC
From: Hein.van.den.Heuvel@philips.com
Topic: 430 Message: 430

I will be out of the office starting 08/04/2003 and will not return until 08/25/2003.

I will respond to your message when I return.

431. Re: [nrd-525-535] Re: 535 D - 535 Db?

Yahoo group: nrd-525-535
Date: 2003-08-07 02:57:30 UTC
From: Brian Denley
Topic: 410 Message: 431

Bjarne:
Thanks for that info. My receiver is a new 535D and the bandwidth control works (quite well) in the AM mode. I wondered if the term 535Db was ever used by JRC or was just made up by Universal.
Brian
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Bjarne Mjelde" <bjarne@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, August 06, 2003 5:08 PM
Subject: [nrd-525-535] Re: 535 D - 535 Db?

> A possible explanation was found on Robert Kramer's web site. Quote:
> Earlier versions of the NRD-535D would not allow the operation of
> this variable bandwidth control in the AM mode. The newer NRD-535Db
> activates this control on all reception modes. Unquote. There was
> no mention of when (s/n wise) the change came. Read more on
> http://members.aol.com/RKDX/NRD-535Db.html.
>
> Bjarne
>
> --- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@c...>
> wrote:
> > I keep seeing references to a NRD-535Db. My receiver says '535D'
> on
> > the front but it does have the variable bandwidth in the AM mode.
> > What, exactly, is a 535Db? Can you tell by serial number?Thanks
> > Brian
>
>
>
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>
>
>

432. NRD-525 audio mod

Yahoo group: nrd-525-535
Date: 2003-08-07 23:18:26 UTC
From: larrynaumann
Topic: 432 Message: 432

I just did the mod as suggested on the Kiwa site. I changed out all the caps around the final audio amp and changed the output cap from 220 to 1000mfd. Boy what a change. I can actually sit and listen to the radio via an external speaker, it is a vast improvement over my stock radio and it was a fairly simple and cheap mod.
Larry N0SA

433. Re:KIWA audio mod

Yahoo group: nrd-525-535
Date: 2003-08-08 16:06:21 UTC
From: Spencer Carter
Topic: 433 Message: 433

------snip--------
Message: 1
Date: Thu, 07 Aug 2003 23:18:26 -0000
From: "larrynaumann" <n0sa@...>
Subject: NRD-525 audio mod

I just did the mod as suggested on the Kiwa site. I changed out all
the caps around the final audio amp and changed the output cap from
220 to 1000mfd. Boy what a change. I can actually sit and listen to
the radio via an external speaker, it is a vast improvement over my
stock radio and it was a fairly simple and cheap mod.
Larry N0SA
----------snip-----

I wouldn't exactly call $50 for a few capacitors cheap, but then I suppose knowing which ones to replace and having KIWA's terrific instructions is worth something. I did KIWA's audio mod for my FRG-100 and and friend did my Sony ICF-2010. I was pleased with the results in both cases.

Larry, have you done any other mods to your NRD-525? What about the hiss I've heard so much about? Did the audio mod affect it?

Thanks,
Spence

434. Re: [nrd-525-535] Re:KIWA audio mod

Yahoo group: nrd-525-535
Date: 2003-08-08 20:49:58 UTC
From: N0SA
Topic: 433 Message: 434

Spence
I just ordered the caps from Digikey. It's a lot cheaper that way. Less than $15.00. You can just look at the schematic and see what to replace. I could give you the list of the ones I replaced. It may be less than what Kiwa does but it is enough to make a big difference and it costs a lot less. I notice no hiss on my radio and it had terrible audio. I have ordered the AGC mod from Kiwa ($5.00). I've heard it makes a big difference toobut I'll have to wait til I get it installed to see for myself.
Larry N0SA
----- Original Message -----
From: Spencer Carter
To: nrd-525-535@yahoogroups.com
Sent: Friday, August 08, 2003 11:06 AM
Subject: [nrd-525-535] Re:KIWA audio mod

------snip--------
Message: 1
Date: Thu, 07 Aug 2003 23:18:26 -0000
From: "larrynaumann" <n0sa@...>
Subject: NRD-525 audio mod

I just did the mod as suggested on the Kiwa site. I changed out all
the caps around the final audio amp and changed the output cap from
220 to 1000mfd. Boy what a change. I can actually sit and listen to
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----------snip-----

I wouldn't exactly call $50 for a few capacitors cheap, but then I suppose knowing which ones to replace and having KIWA's terrific instructions is worth something. I did KIWA's audio mod for my FRG-100 and and friend did my Sony ICF-2010. I was pleased with the results in both cases.

Larry, have you done any other mods to your NRD-525? What about the hiss I've heard so much about? Did the audio mod affect it?

Thanks,
Spence

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435. Re: NRD-525 came. A real mixed bag.

Yahoo group: nrd-525-535
Date: 2003-08-09 12:35:39 UTC
From: Ari Kilponen
Topic: 421 Message: 435

Hi,

you should have returned it to the seller, as there is sure plenty of
525 receivers with truly excellent condition available on the market!

Archie

--- In nrd-525-535@yahoogroups.com, "jeraldvolpe" <jervolpe@p...>
wrote:
> First, internal speak is not to pleasant but I use outside audio
> mixer/amp off rec out so no biggie.
>
> eBay add: "This Receiver is in excellent condition and has the CMH-
> 530 RTTY Demodulator installed. It comes with the original
> Instruction Manual."..... Buy now for $600!
>
> I am having really bad eBay luck lately or my interpretation
> of 'excellent condition' is just too strange. OK, the receiver
works
> (now) and all the parts are there. The front panel and knobs are
> maybe a 9... the buttons a 7. The bezzel is heavily gouged in
> numberous places and the top cover covered in long, deep... into
the
> metal gouges. At best the bezzel gets a 6 and the cabinet a 5 as
the
> bottom half is in good shape (a definite argument against stacking
> equipment). Upon power up circuits functioned for a bit but front
> panel pots are totally dried up and popping in and out while
> rotating. Volume is uncontrollable. Shortly after turn on smoke
came
> from lower front panel and the fuse blew. Overall I would not rate
> this as 'excellent condition'. On the positive side it was packed
> very well.
>
> I had to make a decision on whether to work with it or return it
and
> give a negative feedback... which is not too easy to do actually. I
> decided as it appeared physically fixable with some effort I
> would 'suck it up' as Monk would say... and scratch my head. Can
two
> people really see two things so differently. As I really believe
most
> people to be good and reasonable honest I have to say yes to that.
> But to me 'excellent' is just shy of 'mint'.... maybe not perfect
but
> darn near. I would have rated this as 'less than average for a used

> radio of its age with numerous paint problems, and very scratchy
> controls... requiring attention but workable. Sold as is.
>
> I have disassembled it... cleaned it.... removed some 'gue' on the
> front panel where the burning was coming from... replaced the
fuse...
> sanded down the cabinet down to the metal, primed, painted and
baked
> the finish. Cleaned the knobs thouroughly... I even refinished the
> outer rim of the plastic bezzel which I didn't want to do. The
> controls cleaned up but a couple of push buttons are still
difficult.
> and the silver buttons are somewhat pitted (sigh). Reassembled it
> works and has been on for about 20 hours. Reception is ok but
> certainly no better than my other receivers so it probably needs a
> full alignment as well. Eventually I'll find a service manual and
an
> extender board and give that part a go.
>
> So, what were we discussing? audio quality?
>
> Smiling,
>
> Jerald
> Albany, CA

436. Re: NRD-525 came. A real mixed bag.

Yahoo group: nrd-525-535
Date: 2003-08-09 20:31:45 UTC
From: jeraldvolpe
Topic: 421 Message: 436

--- In nrd-525-535@yahoogroups.com, "Ari Kilponen"
<ari.kilponen@p...> wrote:
> Hi,
>
> you should have returned it to the seller, as there is sure plenty
of
> 525 receivers with truly excellent condition available on the
market!
>
> Archie
>
>
Perhaps, but as the seller did not offer to accept returns sending it back was inviting even more potential headaches. As I have been able to repair it electronically I will just live with it. Perhaps someday I'll find a new front panel, or at least new numeric push-buttons. :)

Jerald

437. Re:KIWA audio mod

Yahoo group: nrd-525-535
Date: 2003-08-12 07:46:42 UTC
From: rezeiwer
Topic: 433 Message: 437

Hi,
interested to make this audio mod for my 535, someone able to help
with a list of components to be replaced???

Tnx and 73
--- In nrd-525-535@yahoogroups.com, "N0SA" <n0sa@e...> wrote:
> Spence
> I just ordered the caps from Digikey. It's a lot cheaper that way.
Less than $15.00. You can just look at the schematic and see what to
replace. I could give you the list of the ones I replaced. It may be
less than what Kiwa does but it is enough to make a big difference and
it costs a lot less. I notice no hiss on my radio and it had terrible
audio. I have ordered the AGC mod from Kiwa ($5.00). I've heard it
makes a big difference toobut I'll have to wait til I get it installed
to see for myself.
> Larry N0SA
> ----- Original Message -----
> From: Spencer Carter
> To: nrd-525-535@yahoogroups.com
> Sent: Friday, August 08, 2003 11:06 AM
> Subject: [nrd-525-535] Re:KIWA audio mod
>
>
> ------snip--------
> Message: 1
> Date: Thu, 07 Aug 2003 23:18:26 -0000
> From: "larrynaumann" <n0sa@e...>
> Subject: NRD-525 audio mod
>
> I just did the mod as suggested on the Kiwa site. I changed out
all
> the caps around the final audio amp and changed the output cap
from
> 220 to 1000mfd. Boy what a change. I can actually sit and listen
to
> the radio via an external speaker, it is a vast improvement over
my
> stock radio and it was a fairly simple and cheap mod.
> Larry N0SA
> ----------snip-----
>
>
> I wouldn't exactly call $50 for a few capacitors cheap, but then I
suppose knowing which ones to replace and having KIWA's terrific
instructions is worth something. I did KIWA's audio mod for my FRG-100

and and friend did my Sony ICF-2010. I was pleased with the results in both cases.
>
> Larry, have you done any other mods to your NRD-525? What about the hiss I've heard so much about? Did the audio mod affect it?
>
> Thanks,
> Spence
>
>
>
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>
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438. Re: Purchased a used NRD-525 off eBay.... (anxiously awaiting!)

Yahoo group: nrd-525-535
Date: 2003-08-15 01:47:09 UTC
From: jeraldvolpe
Topic: 411 Message: 438

--- In nrd-525-535@yahoogroups.com, "Dallas Lankford" <dallas@b...>
wrote:
> I'll vote with Bjarne. Also, any knowledgeable DXer is going to
use high
> quality (but not necessarily high cost) headphones for DXing.
>
> Best regards,
>
> Dallas

I did buy a pair of Kenwood HS-5 headphones and the NRD-525 sounds
much nicer.... as do my other receivers... when using headphones
designed for communications rather than 'Metalica!'

Jerald

439. NRD-220 receiver schematic

Yahoo group: nrd-525-535
Date: 2003-08-20 12:25:23 UTC
From: rebirth20002000
Topic: 439 Message: 439

Hi there,

Just wondering about JRC NRD-220 reciever - marine GMDSS DSC
fixed 6 channel receiver.Looks like it is close in design with
NRD-92 or NRD-525,except there is no external control for tuning,
just channel scanning ,some boards looks the same as 525 or 92.

Any help will be appreciate.
Thanks.

Gene.

440. Obtaining a dc power connector

Yahoo group: nrd-525-535
Date: 2003-08-27 08:09:13 UTC
From: jeraldvolpe
Topic: 440 Message: 440

Please, can anyone save me a few hours of research. What is the designator for this plug and where can I obtain one?

Jerald

441. FS: NRD-525

Yahoo group: nrd-525-535
Date: 2003-08-31 14:58:28 UTC
From: larrynaumann
Topic: 441 Message: 441

I have a Japan Radio NRD-525 that I would like to sell. It is serial #39117.
It is in very good condition a 9.9 out of 10. There is a very slight bit of
wear on the top two corners and a small knick on the top trim, barely visible. The radio works fine. All buttons and functions work. Display is
bright. Radio is clean inside and out. I have done the audio mod as suggested by Kiwa. I replaced the caps in the audio section with high quality ones and raised the value of the output cap. The radio sounds much
better than the normal 525. I also did the Kiwa AGC mod. Overall with these
mods the radio sounds very nice. I have the manual but not the original box.
I am the second owner. It has no extra filters or boards. But it does have
two step tuning. this is an excellant receiver. I'd like to get $400 plus
$25 shipping. I can send pictures if you are interested.
Larry Naumann N0SA

442. FS: NRD-525

Yahoo group: nrd-525-535
Date: 2003-09-01 09:54:28 UTC
From: Alberto di Bene
Topic: 441 Message: 442

> I have done the audio mod as suggested by Kiwa. I replaced
> the caps in the audio section with high quality ones and
> raised the value of the output cap. The radio sounds much
> better than the normal 525. I also did the Kiwa AGC mod.

Larry, do you have perhaps a detailed description of both mods that you can
post here or send to my email address ? I would like to perform also
myself those
mods, without sending the rig overseas to Kiwa, but I haven't been able
so far
to find a step-by-step description. Thanks

Alberto

443. Re: [nrd-525-535] FS: NRD-525

Yahoo group: nrd-525-535
Date: 2003-09-01 11:40:24 UTC
From: Larry N0SA
Topic: 441 Message: 443

Alberto
If you go to the following link you will find the article that Kiwa has on their web site. In it you will find an explaination of what needs to be done. There are no step by step instructions. You need your schematic.
http://www.kiwa.com/rxtips.html
I could give you a list of capacitors that I have replaced and the value I changed it to if I made a change. The change is dramatic. I think I replaced about ten caps. I think if you just change out the main output cap it will make most of the improvement. As I have said before, the tone control actually has some effect now.
Larry
----- Original Message -----
From: Alberto di Bene
To: nrd-525-535@yahoogroups.com
Sent: Monday, September 01, 2003 4:54 AM
Subject: [nrd-525-535] FS: NRD-525

> I have done the audio mod as suggested by Kiwa. I replaced
> the caps in the audio section with high quality ones and
> raised the value of the output cap. The radio sounds much
> better than the normal 525. I also did the Kiwa AGC mod.

Larry, do you have perhaps a detailed description of both mods that you can
post here or send to my email address ? I would like to perform also
myself those
mods, without sending the rig overseas to Kiwa, but I haven't been able
so far
to find a step-by-step description. Thanks

Alberto

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444. Re: FS: NRD-525

Yahoo group: nrd-525-535
Date: 2003-09-01 15:02:04 UTC
From: adibene
Topic: 441 Message: 444

--- In nrd-525-535@yahoogroups.com, "Larry N0SA" <n0sa@e...> wrote:
> Alberto
> If you go to the following link you will find the article that Kiwa has on their web site. In it you will find an explaination of what needs to be done. There are no step by step instructions. You need your schematic.
> http://www.kiwa.com/rxtips.html
> I could give you a list of capacitors that I have replaced and the value I changed it to if I made a change. The change is dramatic. I think I replaced about ten caps. I think if you just change out the main output cap it will make most of the improvement. As I have said before, the tone control actually has some effect now.
> Larry

Larry, many thanks indeed for that pointer. A lot of useful info there.
However apparently the AGC mod is not described in that page.
Do you have any reference for this ?
Well, a list of changed capacitors could be really handy.
If it does not imply too much work from you, I would gratefully accept it, thanks.

TIA
Alberto

445. Re: [nrd-525-535] Re: FS: NRD-525

Yahoo group: nrd-525-535
Date: 2003-09-01 15:25:42 UTC
From: Larry N0SA
Topic: 441 Message: 445

Alberto
I just purchased the AGC mod kit from Kiwa. All it consists of is a small 1/8 watt 910K ohm resistor. You need to locate R105 and R106 on the audio board. You then solder the 910k resistor in parallel across R105 and R106.
To do the audio mod here is a list of caps I replaced
C23
C24
C99
C26
C28
C29
C30
C31-change to1000mfd -R36 needs to be relocated to
bottom of board so new C31 can lay flat on board
this is the most important one to do. I would do it first and see what it sounds like, you may decide to stop there
C58
C60
C61
C62
C63
Some of these are very small surface mount caps that are replaced with poly caps. Be vary careful taking these off the board, it is easy to break the trace if you are not careful.

Larry Naumann N0SA

446. Re: [nrd-525-535] Re: FS: NRD-525

Yahoo group: nrd-525-535
Date: 2003-09-03 21:09:46 UTC
From: Fabrizio Magrone
Topic: 441 Message: 446

Hello Larry,

>To do the audio mod here is a list of caps I replaced
>
>Some of these are very small surface mount caps that are replaced with
>poly caps. Be vary careful taking these off the board, it is easy to break
>the trace if you are not careful.

did you find those caps from some good online source?

73

Fabrizio

447. Re: [nrd-525-535] Re: FS: NRD-525

Yahoo group: nrd-525-535
Date: 2003-09-03 22:00:27 UTC
From: Larry N0SA
Topic: 441 Message: 447

You can get them from http://www.digi-key.com The Kwa site has a complete description of the types of caps to use
http://www.kiwa.com/rxtips.html
Larry
----- Original Message -----
From: Fabrizio Magrone
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, September 03, 2003 4:09 PM
Subject: Re: [nrd-525-535] Re: FS: NRD-525

Hello Larry,

>To do the audio mod here is a list of caps I replaced
>
>Some of these are very small surface mount caps that are replaced with
>poly caps. Be vary careful taking these off the board, it is easy to break
>the trace if you are not careful.

did you find those caps from some good online source?

73

Fabrizio

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448. SV: [nrd-525-535] Re: New NRD-525 owner

Yahoo group: nrd-525-535
Date: 2003-09-05 19:40:08 UTC
From: Ron
Topic: 424 Message: 448

I'm new here also. Just got my 525 yesterday. Swapped it for my Kenwood R-5000 witch i owned for 6 months and paid 450 Euro. Mine is in 99% showroom condition. It has only 1 minor scratch on the top panel about 6 mm long and not even trough the paint. I used some simoniz for 2 minutes and all is new. The guy i got it from was a non smoker and had about 14 other radios and used the 525 only a couple of times in a months time. It is completely standard and has an off-linement of about 20hz witch is already corrected. The serial number is 48256 and is purchased by the previous owner on 1990-10-23. It works very well on my Wellbrook ALA1530 loop. The 33 meter mlb longwire gives a somewhat minor result. Maybe i get myself a more narrow filter for the more serious work. I also use a TenTec RX-320D, black box pc receiver witch has 34 IF DSP filters and works beautifull but lacks a notch and FM.

Guess i got lucky,

Ron Liekens

--- In nrd-525-535@yahoogroups.com, "Bjarne Mjelde" <bjarne@m...> wrote:
> I don't know if USD 600 is "too much" for a receiver this class, rather the
> USD 250 was extremely low. 525's usually sells at USD 500-600+ on ebay,
> similar prices are found in Euro's in Ebay Germany (an excellent spot for
> receivers btw).
>
> Larrynaumann: I don't know when the 39xxx range was produced, but the
> highest s/n I have found so far is 54455, on ebay just a few days ago. One
> of mine is 54450, produced in 92. My guess is that a 39xxx receiver is a
> 1987-88 model.
>
> Regards,
> Bjarne Mjelde
> Berlevag, Arctic Norway
> -----Opprinnelig melding-----
> Fra: jeraldvolpe [mailto:jervolpe@p...]
> Sendt: 3. august 2003 07:51
> Til: nrd-525-535@yahoogroups.com
> Emne: [nrd-525-535] Re: New NRD-525 owner
>

>
> --- In nrd-525-535@yahoogroups.com, "larrynaumann" <n0sa@e...>
wrote:
> > I am new to this group and I just puchased a used NRD-525
today.
> > From the prices I see I got a good price. I paid $250 and it
is in
> > very good condition. A few minor wear spots on the corners but
no
> > scratches and all buttons and controls work fine. It is serial
> > number 39117. Is this an early or a late model?
> > As noted, the audio is a bit bad. I was thinking of replacing
> some
> > of the audio caps as suggested on the Kiwa site. Is this worth
the
> > effort? It sounds like it should be worth the effort. I am
using an
> > external mini Rat Shack speaker Pro X44AV. It improves the
sound
> > quite a bit. I also use the aux filter postion and that helps.
> > Mine has no extra filters but it seems fine to me as is. I am
> just
> > a casual program listener, not a DX chaser or ute guy.
> > I ordered the Kiwa AGC mod for $5.00. Is this a good mod to
do?
> > I really like the looks of the radio and the tuning knob is
> really
> > great.
> > Anyhow, if anyone has any suggestions or comments feel free
to e-
> > mail me.
> > Thanks
> > Larry
> > N0SA
>
>
> Well, gratz on the find. The asking price is way over what you
got
> yours for. I paid too much, but it was an impulse purchase.
>
> There are some interesting articles in the Files area including
one
> on the AGC mod. It seems that there are at least two variations
of
> 525 with slight differences in the AGC. For now I am going to
leave
> mine alone. I am not mod shy, just want to get use to how it
works
> stock.
>

> I spend some time today looking over the schematics and see that
this
> is a very complicated receiver. Complexity usually translates to
more
> frequent failures over time.. considering both our radios are at
> least ten years old.... more like fifteen we should relish in the
> fact that they are working! $250! Nice find.
>
> Jerald
>
>
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449. SV: [nrd-525-535] Re: New NRD-525 owner

Yahoo group: nrd-525-535
Date: 2003-09-05 23:22:02 UTC
From: jeraldvolpe
Topic: 424 Message: 449

--- In nrd-525-535@yahoogroups.com, "Ron" <dxnature@p...> wrote:
> I'm new here also. Just got my 525 yesterday. Swapped it for my
> Kenwood R-5000 witch i owned for 6 months and paid 450 Euro. Mine
is
> in 99% showroom condition. It has only 1 minor scratch on the top
> panel about 6 mm long and not even trough the paint. I used some
> simoniz for 2 minutes and all is new. The guy i got it from was a
> non smoker and had about 14 other radios and used the 525 only a
> couple of times in a months time. It is completely standard and has
> an off-linement of about 20hz witch is already corrected.

> Guess i got lucky,
>
> Ron Liekens
>

Luckier than I did. Everytime I see a 525 sell for 450-500 USD I cringe. I have no idea why I impulse bought mine for 600. I do know I will never ever trust the description "Excellent!" again. (laughing). I think I have to give mine a full alignment too, but alas no extender board so not sure how much I can adjust.

Jerald

450. JRC Parts

Yahoo group: nrd-525-535
Date: 2003-09-10 23:15:24 UTC
From: Larry
Topic: 450 Message: 450

Hi Group!

I am trying to find a place to buy parts to repair a front end board
for a NRD535. Maybe I could purchase a new CFL-287? Any ideas?

Thanks,
Larry

451. CFL-287 board

Yahoo group: nrd-525-535
Date: 2003-09-11 17:01:07 UTC
From: Spencer Carter
Topic: 451 Message: 451

----snip-----
Message: 1
Date: Wed, 10 Sep 2003 23:15:24 -0000
----snip-----
From: "Larry" <net1@...>
Subject: JRC Parts

Hi Group!

I am trying to find a place to buy parts to repair a front end board
for a NRD535. Maybe I could purchase a new CFL-287? Any ideas?

Thanks,
Larry
----snip-----

Larry, Universal Radio in Ohio (www.universal-radio.com) may be able to sell you a new CFL-287. If you are interested in the possibility of buying a used board, I may be able to help. Contact me off list if you are.

Spence

452. SV: [nrd-525-535] Re: New NRD-525 owner

Yahoo group: nrd-525-535
Date: 2003-09-16 14:54:09 UTC
From: Ron
Topic: 424 Message: 452

It is an advantage if you can see the thing in working condition.
Witch in you case was probably not so. I'm a happy camper.

See ya,
Ron

--- In nrd-525-535@yahoogroups.com, "jeraldvolpe" <jervolpe@p...>
wrote:
> --- In nrd-525-535@yahoogroups.com, "Ron" <dxnature@p...> wrote:
> > I'm new here also. Just got my 525 yesterday. Swapped it for my
> > Kenwood R-5000 witch i owned for 6 months and paid 450 Euro.
Mine
> is
> > in 99% showroom condition. It has only 1 minor scratch on the
top
> > panel about 6 mm long and not even trough the paint. I used some
> > simoniz for 2 minutes and all is new. The guy i got it from was
a
> > non smoker and had about 14 other radios and used the 525 only a
> > couple of times in a months time. It is completely standard and
has
> > an off-linement of about 20hz witch is already corrected.
>
> > Guess i got lucky,
> >
> > Ron Liekens
> >
>
> Luckier than I did. Everytime I see a 525 sell for 450-500 USD I
> cringe. I have no idea why I impulse bought mine for 600. I do
know I
> will never ever trust the description "Excellent!" again.
(laughing).
> I think I have to give mine a full alignment too, but alas no
> extender board so not sure how much I can adjust.
>
> Jerald

453. FS: NRD-535

Yahoo group: nrd-525-535
Date: 2003-09-22 16:44:08 UTC
From: Ari Kilponen
Topic: 453 Message: 453

A JRC NRD-535G is for sale. Almost mint condition. Basic model, but the selectivity has been modified to meet demands of real hard-core DXing: Murata filters CFJ455K4 (2,7 kHz -6 dB) and CFJ455K6 (2,2 kHz -6 dB) has been added onto the IF filter board. AGC has been modified with an extra resistor.

Price is 990 euros plus postage. For more information, drop me a line by e-mail.

454. AGC modification of 535

Yahoo group: nrd-525-535
Date: 2003-09-22 17:09:51 UTC
From: Ari Kilponen
Topic: 454 Message: 454

I have added instructions regarding AGC modification of 535 with a single resistor in the Files section. Unfortunately I don't have any experience about this modification compared with other ones. Has anyone else compared different AGC modifications?

455. Alignment of NRD-525

Yahoo group: nrd-525-535
Date: 2003-09-24 19:21:39 UTC
From: rolyatalan
Topic: 455 Message: 455

Does anyone out there have the procedure for
alignment of the nrd-525 adjustments.
I think my frequency display is off by about .5 KHz

Thanx

456. Re: 525 Align

Yahoo group: nrd-525-535
Date: 2003-09-25 20:19:49 UTC
From: darobin
Topic: 456 Message: 456

Dallas should be able to help you. It's fairly easy, but hit and
miss because you have to adjust a small pot on one of the boards,
then reinsert the board, then check calibration, then readjust etc

>
>

457. WTB: JST-100 stuff

Yahoo group: nrd-525-535
Date: 2003-10-04 17:35:57 UTC
From: Chuck Yarbrough
Topic: 457 Message: 457

Hi all--I have just bought a JST-100 and need to find the following:

JST-100 Owners/Operator's Manual
JST-100 Service Manual
CFL-260 600Hz CW filter
CFL-231 300Hz CW filter

Does anyone know where I might be able to pick up any or all of these components?

Thanks

Chuck
KI4BZJ

458. Re: [nrd-525-535] WTB: JST-100 stuff

Yahoo group: nrd-525-535
Date: 2003-10-04 18:05:34 UTC
From: David Ross
Topic: 457 Message: 458

Hi Chuck

FWIW, the JST-100 brochure is available at:

http://www.lannuier.com/nrd505/images/100_brochure.pdf

David Ross

On 10/4/03 1:35 PM, "Chuck Yarbrough" <wampus@...> wrote:

> Hi all--I have just bought a JST-100 and need to find the following:
>
> JST-100 Owners/Operator's Manual
> JST-100 Service Manual
> CFL-260 600Hz CW filter
> CFL-231 300Hz CW filter
>
> Does anyone know where I might be able to pick up any or all of these
> components?
>
> Thanks
>
> Chuck
> KI4BZJ
>
>
>
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>
>

459. 535 ultimate rejection kit

Yahoo group: nrd-525-535
Date: 2003-10-05 11:58:19 UTC
From: Ari Kilponen
Topic: 459 Message: 459

Kiwa is offering a Ultimate Rejection Kit (= change of FL2) both for 525 and 535 receivers - do you guys have any experience about this modification? Both kits were also in eBay, but the price of 535 kit rose too high - up to the same sale price (USD 30), to which Kiwa offers the kit in its own web site.

I have heard comments that one should not replace the FL2 filter with a narrower one, as it affects too much sound quality. This may be true, when narrow SSB filters (like Murata CFJ455K4-K6) are used in FL5 and FL6 positions. Some days ago I send e-mail message to Kiwa regarding this matter, but no reply has arrived by today.

460. Re: [nrd-525-535] 535 ultimate rejection kit

Yahoo group: nrd-525-535
Date: 2003-10-05 13:46:29 UTC
From: llgpt@aol.com
Topic: 459 Message: 460

I have owned three NRD-525's, and one NRD-535. The first 525 was in 1986 when they were first released. I thought it had the most abysmal audio and agc attack and release times I had ever heard in a high end receiver. I sold it quickly. Fast forward 12 years......purchased a NRD-535 (plain model) guess what, same problems, but I sent it to Kiwa for the full treatment. They replaced FL2 with an 8.2 khz filter, the audio sparkles, the FL2 roofing filter did the trick for the inadequate front end. I traded it and regretted it almost immediately. Then, I was able to purchase another like new NRD-525 with the Eskab/Edvis modifications. It was a very good receiver, but the audio and filters were a little muffled aounding to my ears. This last spring, I picked up the third NRD-525. This was also sent to Kiwa for the full treatment. Had the FL2 roofing filter installed and a premium filter module that is 3.8 khz. The receiver now has 2.2, 3.8, 5.7 and 8.2 filters. I am using it with the Sherwood SE-3 MK 3 and have finally found the receiver that I plan on keeping for many years to come. The NRD-525 seems to be a better receiver to my ears, less display noise and is much more stable. In my humble opinion, I would do the modifications, especially in Europe where you are inundated with much stronger signals than over here.

Les Locklear
Gulfport, Ms.

In a message dated 10/5/2003 7:00:25 AM Central Daylight Time, ari.kilponen@... writes:
Kiwa is offering a Ultimate Rejection Kit (= change of FL2) both for 525 and 535 receivers - do you guys have any experience about this modification? Both kits were also in eBay, but the price of 535 kit rose too high - up to the same sale price (USD 30), to which Kiwa offers the kit in its own web site.

I have heard comments that one should not replace the FL2 filter with a narrower one, as it affects too much sound quality. This may be true, when narrow SSB filters (like Murata CFJ455K4-K6) are used in FL5 and FL6 positions. Some days ago I send e-mail message to Kiwa regarding this matter, but no reply has arrived by today.

461. Re: 535 ultimate rejection kit

Yahoo group: nrd-525-535
Date: 2003-10-06 03:44:26 UTC
From: jeraldvolpe
Topic: 459 Message: 461

The other evening I was able to buy one of the rejection kits for the 525 off eBay for a buy now of $28 which is less than their normal price. I recently added a 1.5 KHz crystal filter and made small changes to AGC and the audio output stage. I'll let you know what my thoughts are about this ultimate rejection kit once I get it in the receiver.

For me the best improvement for this receiver so far was connecting it to a KLH mini bookshelf 2-way speaker system. You know the ones in the black cast aluminum cabinets... about 8 inches high. Sounds really nice (I use these same speaker types on other shortwave receivers for the same reason.)

Jerald

> ari.kilponen@p... writes:
> Kiwa is offering a Ultimate Rejection Kit (= change of FL2) both for
> 525 and 535 receivers - do you guys have any experience about this
> modification? Both kits were also in eBay, but the price of 535 kit
> rose too high - up to the same sale price (USD 30), to which Kiwa
> offers the kit in its own web site.
>
> I have heard comments that one should not replace the FL2 filter with
> a narrower one, as it affects too much sound quality. This may be
> true, when narrow SSB filters (like Murata CFJ455K4-K6) are used in
> FL5 and FL6 positions. Some days ago I send e-mail message to Kiwa
> regarding this matter, but no reply has arrived by today.

462. Re: [nrd-525-535] Re: 535 ultimate rejection kit

Yahoo group: nrd-525-535
Date: 2003-10-06 08:51:45 UTC
From: Chris
Topic: 459 Message: 462

I am really wondering which filter they suggest for the position FL2.
I have inserted a CFW455HT, which is specified as 6kHz wide at -6dB.
But I think it is mor on the 8 - 10 KHz side as FM works OK with it.

A german company that is specialized in modyfying the NRDs suggests the
CFK
type.

73, Chris
DJ0MDJ

jeraldvolpe schrieb:

> The other evening I was able to buy one of the rejection kits for the
> 525 off eBay for a buy now of $28 which is less than their normal
> price. I recently added a 1.5 KHz crystal filter and made small
> changes to AGC and the audio output stage. I'll let you know what my
> thoughts are about this ultimate rejection kit once I get it in the
> receiver.
>
> For me the best improvement for this receiver so far was connecting
> it to a KLH mini bookshelf 2-way speaker system. You know the ones in
> the black cast aluminum cabinets... about 8 inches high. Sounds
> really nice (I use these same speaker types on other shortwave
> receivers for the same reason.)
>
> Jerald
>
> > ari.kilponen@p... writes:
> > Kiwa is offering a Ultimate Rejection Kit (= change of FL2) both
> for
> > 525 and 535 receivers - do you guys have any experience about this
> > modification? Both kits were also in eBay, but the price of 535 kit
> > rose too high - up to the same sale price (USD 30), to which Kiwa
> > offers the kit in its own web site.
> >
> > I have heard comments that one should not replace the FL2 filter
> with
> > a narrower one, as it affects too much sound quality. This may be
> > true, when narrow SSB filters (like Murata CFJ455K4-K6) are used in
> > FL5 and FL6 positions. Some days ago I send e-mail message to Kiwa
> > regarding this matter, but no reply has arrived by today.

463. Re: [nrd-525-535] Re: 535 ultimate rejection kit

Yahoo group: nrd-525-535
Date: 2003-10-06 11:32:08 UTC
From: llgpt@aol.com
Topic: 459 Message: 463

Kiwa is installing a 8.2 khz ceramic filter in their modification.

Les Locklear

In a message dated 10/6/2003 3:52:45 AM Central Daylight Time,
junkbox@... writes:
I am really wondering which filter they suggest for the position FL2.
I have inserted a CFW455HT, which is specified as 6kHz wide at -6dB.
But I think it is mor on the 8 - 10 KHz side as FM works OK with it.

A german company that is specialized in modyfying the NRDs suggests the
CFK
type.

73, Chris
DJ0MDJ

464. Re: 535 ultimate rejection kit

Yahoo group: nrd-525-535
Date: 2003-10-06 11:49:09 UTC
From: ringmodulator99
Topic: 459 Message: 464

Thank you for the info!
Can you tell us the exact type?

73, Chris
--- In nrd-525-535@yahoogroups.com, llgpt@a... wrote:
> Kiwa is installing a 8.2 khz ceramic filter in their modification.
>
> Les Locklear
>

465. Re: [nrd-525-535] Re: 535 ultimate rejection kit

Yahoo group: nrd-525-535
Date: 2003-10-06 12:41:01 UTC
From: llgpt@aol.com
Topic: 459 Message: 465

The only information I have is that it is a ceramic filter. You can contact Kiwa and ask Craig Siegenthaler the owner.

The filter modules he uses are three ceramic filters cascaded for ultimate rejection and superb shape factors. But, the FL2 replacement is just a small ceramic.

Les

In a message dated 10/6/2003 6:50:03 AM Central Daylight Time, junkbox@... writes:
Thank you for the info!
Can you tell us the exact type?

73, Chris
--- In nrd-525-535@yahoogroups.com, llgpt@a... wrote:
> Kiwa is installing a 8.2 khz ceramic filter in their modification.
>
> Les Locklear

466. Re: 535 ultimate rejection kit

Yahoo group: nrd-525-535
Date: 2003-10-06 19:33:23 UTC
From: Ari Kilponen
Topic: 459 Message: 466

Chris,

how did you do the FL2 filter replacement in practice? The original filter FL2 has three leads and CFW455HT has five leads.

Btw, still waiting for reply from Kiwa: either they are slow in responding to e-mails or just not interested doing any business...

--- In nrd-525-535@yahoogroups.com, Chris <junkbox@a...> wrote:
> I am really wondering which filter they suggest for the position FL2.
> I have inserted a CFW455HT, which is specified as 6kHz wide at -6dB.
> But I think it is mor on the 8 - 10 KHz side as FM works OK with it.
>
> A german company that is specialized in modyfying the NRDs suggests the
> CFK
> type.
>
> 73, Chris
> DJ0MDJ
>
> jeraldvolpe schrieb:
>
> > The other evening I was able to buy one of the rejection kits for the
> > 525 off eBay for a buy now of $28 which is less than their normal
> > price. I recently added a 1.5 KHz crystal filter and made small
> > changes to AGC and the audio output stage. I'll let you know what my
> > thoughts are about this ultimate rejection kit once I get it in the
> > receiver.
> >
> > For me the best improvement for this receiver so far was connecting
> > it to a KLH mini bookshelf 2-way speaker system. You know the ones in
> > the black cast aluminum cabinets... about 8 inches high. Sounds
> > really nice (I use these same speaker types on other shortwave
> > receivers for the same reason.)
> >
> > Jerald
> >
> > > ari.kilponen@p... writes:

> > > Kiwa is offering a Ultimate Rejection Kit (= change of FL2) both
> > for
> > > 525 and 535 receivers - do you guys have any experience about
this
> > > modification? Both kits were also in eBay, but the price of 535
kit
> > > rose too high - up to the same sale price (USD 30), to which
Kiwa
> > > offers the kit in its own web site.
> > >
> > > I have heard comments that one should not replace the FL2 filter
> > with
> > > a narrower one, as it affects too much sound quality. This may
be
> > > true, when narrow SSB filters (like Murata CFJ455K4-K6) are
used in
> > > FL5 and FL6 positions. Some days ago I send e-mail message to
Kiwa
> > > regarding this matter, but no reply has arrived by today.

467. Re: 535 ultimate rejection kit

Yahoo group: nrd-525-535
Date: 2003-10-07 05:01:03 UTC
From: jeraldvolpe
Topic: 459 Message: 467

Well I got my upgrade from Kiwa today. That was faaaaasssssst. Hmmm, so little for $28. Ahhhhhh. But I can sorta answer the question about the difference in pinouts.

The filter Kiwa provides has five leads, which as you know won't directly match the three holes on the circuit board. Kiwa wraps the filter in a fine copper mesh screen shield that totally covers all surfaces except the bottom. Three of the bottom pins are normally grounded. Kiwa has these three pins soldered together with a bare wire that also extends upwards to be soldered to the shield mesh on two sides of the filter's case. The grouped together ground pins have a short piece of hookup wire attached as do the input and output pins. Kiwa also supplies a small piece of double-sided tape which you use to attach the filter (on its side) to the circuit board immediately below and slighty to the left of the FL2 position.

I guess it all works. I just wonder about 'stuck on' parts like this. As the years go by when does that tape give up its hold? Anyway, I guess I'll put the filter in but I can't help but wonder if there isn't a commercially obtainable filter that would give equal or better performance that would be pin compatible with the original. I do have to admit adding the shield mesh around the filter is a nice touch.

Jerald

--- In nrd-525-535@yahoogroups.com, "Ari Kilponen" <ari.kilponen@p...> wrote:
> Chris,
>
> how did you do the FL2 filter replacement in practice? The original
> filter FL2 has three leads and CFW455HT has five leads.
>
>
> Btw, still waiting for reply from Kiwa: either they are slow in
> responding to e-mails or just not interested doing any business...
>

468. Re: 535 ultimate rejection kit... ooops, mine was for 525.

Yahoo group: nrd-525-535
Date: 2003-10-07 05:02:31 UTC
From: jeraldvolpe
Topic: 459 Message: 468

That last description was for the Kiwa upgrade for the 525, although
I bet it is pretty much the same as the one for the 535.

Jerald

> Well I got my upgrade from Kiwa today. That was faaaaasssssst. Hmmm,
> so little for $28. Ahhhhhh. But I can sorta answer the question
about
> the difference in pinouts.

469. Re: 535 ultimate rejection kit

Yahoo group: nrd-525-535
Date: 2003-10-07 16:22:36 UTC
From: ringmodulator99
Topic: 459 Message: 469

Hello Jerald,

could you find out which type of filter they use?

Chris

--- In nrd-525-535@yahoogroups.com, "jeraldvolpe" <jervolpe@p...>
wrote:
> Well I got my upgrade from Kiwa today. That was faaaaasssssst. Hmmm,
> so little for $28. Ahhhhhh. But I can sorta answer the question
about
> the difference in pinouts.
>
> The filter Kiwa provides has five leads, which as you know won't
> directly match the three holes on the circuit board. Kiwa wraps the
> filter in a fine copper mesh screen shield that totally covers all
> surfaces except the bottom. Three of the bottom pins are normally
> grounded. Kiwa has these three pins soldered together with a bare
> wire that also extends upwards to be soldered to the shield mesh on
> two sides of the filter's case. The grouped together ground pins
have
> a short piece of hookup wire attached as do the input and output
> pins. Kiwa also supplies a small piece of double-sided tape which
you
> use to attach the filter (on its side) to the circuit board
> immediately below and slighty to the left of the FL2 position.
>
> I guess it all works. I just wonder about 'stuck on' parts like
this.
> As the years go by when does that tape give up its hold? Anyway, I
> guess I'll put the filter in but I can't help but wonder if there
> isn't a commercially obtainable filter that would give equal or
> better performance that would be pin compatible with the original. I
> do have to admit adding the shield mesh around the filter is a nice
> touch.
>
> Jerald
>

470. NRD-505 AGC question (general AGC question)

Yahoo group: nrd-525-535
Date: 2003-10-07 18:19:16 UTC
From: pabigelow
Topic: 470 Message: 470

Hello,

When I change to "Slow" AGC from the "Fast" AGC position, the signal strength reduces a bit but noticiably (about 1 S-Unit) in the "slow" position. This is both an audible reduction and a visible reduction (via the signal strength meter). The signal reduction is not mommentary which I would expect but rather a fixed, permanent overall reduction. Would the behavior indicate a possible AGC leak in the "Fast" position?

Best regards,

Paul Bigelow

471. Re: 535 ultimate rejection kit - what filter?

Yahoo group: nrd-525-535
Date: 2003-10-08 00:51:23 UTC
From: jeraldvolpe
Topic: 459 Message: 471

I would have to unsolder and remove the mesh screen shielding they wrapped the filter in and I don't really want to do that. I am going to look at some filter manufacturers to see if I can find a three pin filter to go in instead. I don't really like the 'hang a component on' method if I can avoid it. If I can't find a three pin replacement well.... not sure.

Jerald

--- In nrd-525-535@yahoogroups.com, "ringmodulator99" <junkbox@a...> wrote:
> Hello Jerald,
>
> could you find out which type of filter they use?
>
> Chris
>

472. Re: NRD-505 AGC question (general AGC question)

Yahoo group: nrd-525-535
Date: 2003-10-08 07:12:48 UTC
From: Ari Kilponen
Topic: 470 Message: 472

Sounds strange, as AGC positions (except off) should not have any affect on signal. Your receiver is a 505? If we bear in mind that it is the first (?) commercial receiver for ham and DX market, and what kind of bloopers JRC has done with first production stock of 515, and 525, it's not any surprise that the 505 has such a characteristic.

Unfortunately I have never (probably there is not a single one here in Finland) listened to a 505 - so no idea whether it's typical for the receiver or fault. If it is a fault, probably the value of a component has changed and can be found by investigation of radio technician.

In every case, the 505 is a beautiful receiver is own way - just take closer look at Paul Lannuier's web pages (http://www.lannuier.com), if you want to find out more about 505.

--- In nrd-525-535@yahoogroups.com, "pabigelow" <pbigelow@u...> wrote:
> Hello,
>
> When I change to "Slow" AGC from the "Fast" AGC position, the signal
> strength reduces a bit but noticiably (about 1 S-Unit) in
the "slow"
> position. This is both an audible reduction and a visible
reduction
> (via the signal strength meter). The signal reduction is not
> mommentary which I would expect but rather a fixed, permanent
overall
> reduction. Would the behavior indicate a possible AGC leak in
> the "Fast" position?
>
> Best regards,
>
> Paul Bigelow

473. Re: 535 ultimate rejection kit - what filter?

Yahoo group: nrd-525-535
Date: 2003-10-08 07:19:12 UTC
From: Ari Kilponen
Topic: 459 Message: 473

If you want to avoid a "hanging" filter, or one attached with a
double sided sticker, just use a drop of silicone or hot glue.

--- In nrd-525-535@yahoogroups.com, "jeraldvolpe" <jervolpe@p...>
wrote:
> I would have to unsolder and remove the mesh screen shielding they
> wrapped the filter in and I don't really want to do that. I am
going
> to look at some filter manufacturers to see if I can find a three
pin
> filter to go in instead. I don't really like the 'hang a component
> on' method if I can avoid it. If I can't find a three pin
replacement
> well.... not sure.
>
> Jerald
>
> --- In nrd-525-535@yahoogroups.com, "ringmodulator99"
<junkbox@a...>
> wrote:
> > Hello Jerald,
> >
> > could you find out which type of filter they use?
> >
> > Chris
> >

474. Re: NRD-505 AGC question (general AGC question)

Yahoo group: nrd-525-535
Date: 2003-10-08 14:29:42 UTC
From: pabigelow
Topic: 470 Message: 474

Hello Ari,

Thank you for the response. I'm going to investigate the AGC voltage further, check some capacitors and the circuit in general. I was just ondering if any one else had encountered such a problem in any receiver.

The only explanation I can think of is that in "Fast" there is leakage in the AGC, thus the higher S-meter reading because less AGC voltage is being applied.

Best regards,

Paul Bigelow

--- In nrd-525-535@yahoogroups.com, "Ari Kilponen" <ari.kilponen@p...> wrote:
> Sounds strange, as AGC positions (except off) should not have any
> affect on signal. Your receiver is a 505? If we bear in mind that it
> is the first (?) commercial receiver for ham and DX market, and what
> kind of bloopers JRC has done with first production stock of 515, and
> 525, it's not any surprise that the 505 has such a characteristic.
>
> Unfortunately I have never (probably there is not a single one here
> in Finland) listened to a 505 - so no idea whether it's typical for
> the receiver or fault. If it is a fault, probably the value of a
> component has changed and can be found by investigation of radio
> technician.
>
> In every case, the 505 is a beautiful receiver is own way - just take
> closer look at Paul Lannuier's web pages (http://www.lannuier.com),
> if you want to find out more about 505.
>
>
>
> --- In nrd-525-535@yahoogroups.com, "pabigelow" <pbigelow@u...> wrote:
> > Hello,
> >
> > When I change to "Slow" AGC from the "Fast" AGC position, the signal
> > strength reduces a bit but noticiably (about 1 S-Unit) in

> the "slow"
> > position. This is both an audible reduction and a visible
> reduction
> > (via the signal strength meter). The signal reduction is not
> > mommentary which I would expect but rather a fixed, permanent
> overall
> > reduction. Would the behavior indicate a possible AGC leak in
> > the "Fast" position?
> >
> > Best regards,
> >
> > Paul Bigelow

475. (no subject)

Yahoo group: nrd-525-535
Date: 2003-10-10 19:06:32 UTC
From: Barry Boone
Topic: 475 Message: 475

Thanks I hope to be buying one soon.

477. RE: [nrd-525-535] Did you like when I talked dirty to you the other night?

Yahoo group: nrd-525-535
Date: 2003-10-11 12:51:26 UTC
From: Bill Carney
Topic: 477 Message: 477

Even with me having to approve each member to the list, this one managed to slip through. Sorry about that. They've been banned.

-Bill
Listowner

-----Original Message-----
From: veronikajg97 [mailto:veronikajg97@...]
Sent: Saturday, October 11, 2003 1:00 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Did you like when I talked dirty to you the other night?

It made me so

478. Sherwood Engineering filters for NRD-525

Yahoo group: nrd-525-535
Date: 2003-10-12 23:27:43 UTC
From: jeraldvolpe
Topic: 478 Message: 478

I am strongly considering installing a Sherwood Engineering filter in the AUX position on my 525. Wonder if anyone has any direct experience with their filters, quality, etc.

With my stock 525 (have 1.5 KHZ crystal filter in Narrow position)I fint the wide filter too muffled and the AUX position more pleasant to listen to but perhaps a bit too wide. I really listen mostly to broadcasts so I prefer it to be open but with deeper skirts.

I notice Sherwood Engineering has a choice of mechanical filter and crystal filters for the 525, but no data to distinguish what would be better. Price is the same. Thoughts?

I have Kiwa's ultimate rejection mod but not installed as yet. Prefer to install with new AUX filter at same time.

Jerald

479. Sherwood Engineering filter for 525... moot point... no more available

Yahoo group: nrd-525-535
Date: 2003-10-13 08:09:10 UTC
From: jeraldvolpe
Topic: 479 Message: 479

Got an answer to my inquiry... they don't have any more mechanical or crystal filters for the 525.... They do have a ceramic filter... not sure if that is what I want... guess I'll keep watching eBay.

Jerald

480. Kiwa's Ultimate rejection mod for 525 installed... nice

Yahoo group: nrd-525-535
Date: 2003-10-14 04:32:58 UTC
From: jeraldvolpe
Topic: 480 Message: 480

Well I finally installed the mod, which is simply a different ceramic filter wrapped in a fine shield mesh. I decided to install it differently though. The instructions have you attach it on its side to a nearby open place on the circuit board using double-sided foam tape. With this mounting technique the leads are over an inch in length. I mounted the shield wrapped filter immediately above the old filter's connect points and tack soldered the filter's mesh to the nearby tin shield. My leads are only about 3/8 of an inch in length this way. Seems to work nicely.

I am very pleased with performance. I listen mostly in the AUX position and now the fidelity is still markedly better than the wide bandwidth filter and the adjacent channel interference is better.

I was looking for an additional filter to go in the AUX position but now I am not sure it will be needed.

Jerald

481. Anyone use the Smart Sweet speaker on their receiver?

Yahoo group: nrd-525-535
Date: 2003-10-16 04:35:42 UTC
From: jeraldvolpe
Topic: 481 Message: 481

Wondering if anyone has tried this speaker? Sounds Sweet. I ran into some very impressive reviews/ratings from hams and listeners. It isn't cheap, nor is it size compatible with a small desk, but I am interested... hmmmmmmmm
http://www.soundssweet.com/
www soundssweet com

Jerald

482. (no subject)

Yahoo group: nrd-525-535
Date: 2003-10-21 19:17:49 UTC
From: Claudio Scarpa
Topic: 482 Message: 482

Personalizza MSN Messenger con sfondi e fotografie!
http://www.ilovemessenger.msn.it/

483. NRD525 synthesizer BFO

Yahoo group: nrd-525-535
Date: 2003-10-25 15:27:55 UTC
From: christophe525
Topic: 483 Message: 483

NEW: The NRD525 synthesizer BFO (MC145145) on
http://perso.wanadoo.fr/geip/SYNTHE.htm

484. JRC filters Discontinued

Yahoo group: nrd-525-535
Date: 2003-10-25 18:43:36 UTC
From: Chuck Yarbrough
Topic: 484 Message: 484

Hi all--I knew it was bound to happen at some point, but it looks like JRC has finally discontinued the following filters for the NRD-525/535 radios (source, Universal Radio):

CFL-218A 1.8kHz filter (fits 515/525/535)
CFL-231 300Hz filter (fits 525/535)
CFL-232 500Hz filter (fits 525/535)

That only leaves the CFL-232 (1kHz) and CFL-251 (2.4kHz) filters left for sale.

It also looks like the CMF-78 ECSS Unit has been discontinued as well.

Glad I got my filters earlier this year!

Chuck

485. Re: JRC filters Discontinued

Yahoo group: nrd-525-535
Date: 2003-10-27 01:41:02 UTC
From: pabigelow
Topic: 484 Message: 485

Hello,

Who needs excellent filters when it can all be done perfectly in the
digital domain?

(*very* sarcastically written)

Best regards,

Paul Bigelow

--- In nrd-525-535@yahoogroups.com, "Chuck Yarbrough" <wampus@n...> wrote:
> Hi all--I knew it was bound to happen at some point, but it looks
> like JRC has finally discontinued the following filters for the NRD-
> 525/535 radios (source, Universal Radio):
>
> CFL-218A 1.8kHz filter (fits 515/525/535)
> CFL-231 300Hz filter (fits 525/535)
> CFL-232 500Hz filter (fits 525/535)
>
> That only leaves the CFL-232 (1kHz) and CFL-251 (2.4kHz) filters left
> for sale.
>
> It also looks like the CMF-78 ECSS Unit has been discontinued as
> well.
>
> Glad I got my filters earlier this year!
>
> Chuck

486. NRD-545 digital filters... how do they compare?

Yahoo group: nrd-525-535
Date: 2003-10-27 04:49:11 UTC
From: jeraldvolpe
Topic: 486 Message: 486

I have a 525 and have been thinking about adding a 545 to my listening desk. I also have a Ten-Tec 350 which uses DSP filtering. The Ten-Tec sounds better over all and has a great noise blanker that really helps at my location but it doesn't have the skirt or ultimate selectivity that my 525 has. I was wondering what the experience is with the 545? Anyone want to weigh in on this one?

Jerald

487. Re: NRD-545 digital filters... how do they compare?

Yahoo group: nrd-525-535
Date: 2003-10-27 07:04:34 UTC
From: Bjarne Mjelde
Topic: 486 Message: 487

A 545 will not necessarily have "better" selectivity than a 525, what IS an improvement is of course that you can adjust the bandwidth to match the interference level. Also, the notch filter and DSP tone control are excellent tools for improving audio - contrary to the 525.

If you do a lot of casual AM listening, don't buy a 545. AM performance is extremely poor in conditions with rapid fading. If you do a lot of "serious" dx, buy a 545. As a DX machine, using LSB and USB modes, it works admirably.

Bjarne Mjelde
Berlevag, Arctic Norway

--- In nrd-525-535@yahoogroups.com, "jeraldvolpe" <jervolpe@p...> wrote:
> I have a 525 and have been thinking about adding a 545 to my
> listening desk. I also have a Ten-Tec 350 which uses DSP filtering.
> The Ten-Tec sounds better over all and has a great noise blanker
> that really helps at my location but it doesn't have the skirt or
> ultimate selectivity that my 525 has. I was wondering what the
> experience is with the 545? Anyone want to weigh in on this one?
>
> Jerald

488. New guy

Yahoo group: nrd-525-535
Date: 2003-10-27 10:40:52 UTC
From: JIM FRANEY
Topic: 488 Message: 488

Hello all! I am both new to this group and new to the NRD 535Db.I just purchased one last night. Probobly will not get it till Fri or Sat. I have a Drake R8 right now and have beena semi on and off again SWL-DXr for most of my life. I live in Spokane ,Wa. Any information ect on the new NRD would be greatly appreciated! I look forward to listning a lot to this group. Thanks! Jim

489. WTB: JRC NDH-518 Memory Module

Yahoo group: nrd-525-535
Date: 2003-10-28 05:13:43 UTC
From: Chuck Yarbrough
Topic: 489 Message: 489

Hi all-- I recently bought an NRD-515 and would like to find a 96 memory unit to use with it. If you have an NDH-518 that you would like to sell or trade, please email me at the address below.

Chuck Yarbrough
wampus@...

490. Re: [nrd-525-535] Digest Number 212

Yahoo group: nrd-525-535
Date: 2003-10-28 17:09:26 UTC
From: darobin
Topic: 490 Message: 490

Chuck -- good luck on finding the 518. I obtained mine with a 515,
but it's difficult to find them stand alone. You may have to obtain
another
515 with the 518, then resell the other 515 alone.

nrd-525-535@yahoogroups.com wrote:

>
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>nrd-525-535-unsubscribe@yahoogroups.com
>
>
>--
>
>There is 1 message in this issue.
>
>Topics in this digest:
>
> 1. WTB: JRC NDH-518 Memory Module
> From: "Chuck Yarbrough" <wampus@...>
>
>
>____
>____
>
>Message: 1
> Date: Tue, 28 Oct 2003 05:13:43 -0000
> From: "Chuck Yarbrough" <wampus@...>
>Subject: WTB: JRC NDH-518 Memory Module
>
>Hi all-- I recently bought an NRD-515 and would like to find a 96
>memory unit to use with it. If you have an NDH-518 that you would
>like to sell or trade, please email me at the address below.
>
>Chuck Yarbrough
>wampus@...
>
>
>
>____
>____
>
>
>
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>
>
>
>

491. Re: [nrd-525-535] WTB: JRC NDH-518 Memory Module

Yahoo group: nrd-525-535
Date: 2003-10-28 17:21:02 UTC
From: roland.sandberg@pp.inet.fi
Topic: 489 Message: 491

Hi.
Just bought me a NRD-515 from France, but left the NDH-518 on the seller´s shelt. You can throw a request at JLCSALE@... if it still is on the shelf.
Regards
Roland Sandberg
----- Original Message -----
From: Chuck Yarbrough
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, October 28, 2003 7:13 AM
Subject: [nrd-525-535] WTB: JRC NDH-518 Memory Module

Hi all-- I recently bought an NRD-515 and would like to find a 96
memory unit to use with it. If you have an NDH-518 that you would
like to sell or trade, please email me at the address below.

Chuck Yarbrough
wampus@...

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492. ECSS (PLAM) for the NRD-525

Yahoo group: nrd-525-535
Date: 2003-10-28 19:40:23 UTC
From: sm4tug
Topic: 492 Message: 492

Hi everyone!

Is there anyone who knows where to get the ECSS (PLAM)-card for the ´525? I think it was made by ESKAB in Sweden some ten years ago, but now this business seems to have disappeared. Anyone having this cirkuit for sale (I know that´s a blindshot but I just have to try...).

Regards,

Hans/SM4TUG

493. SV: [nrd-525-535] ECSS (PLAM) for the NRD-525

Yahoo group: nrd-525-535
Date: 2003-10-28 20:02:33 UTC
From: Bjarne Mjelde
Topic: 492 Message: 493

Hans,
P?hler Electronic's Jan 2002 pricelist states the ESKA-PLAM module for EUR 295. If you find that this is within an acceptable price/performance ratio, you could try there. I would not.

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway
-----Opprinnelig melding-----
Fra: sm4tug [mailto:hans@...]
Sendt: 28. oktober 2003 19:40
Til: nrd-525-535@yahoogroups.com
Emne: [nrd-525-535] ECSS (PLAM) for the NRD-525

Hi everyone!

Is there anyone who knows where to get the ECSS (PLAM)-card for the ?525? I think it was made by ESKAB in Sweden some ten years ago, but now this business seems to have disappeared. Anyone having this cirkuit for sale (I know that?s a blindshot but I just have to try...).

Regards,

Hans/SM4TUG

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494. Filters and Parts

Yahoo group: nrd-525-535
Date: 2003-10-28 20:33:57 UTC
From: JIM FRANEY
Topic: 494 Message: 494

Hi ! This may seem like a stupid question but bare with me please I am new to the NRD 535Db radios. (just got one!). These filters that were just discontinued from JRC (Universal) Are they something I need on my radio? I listen to mostly SW and some utilitie stuff. I know my radio has the Variable filter adjustment upgrade. If I do want to get filters is there any place that sells them? (Possibly a place with a stock of them?) Last question :-) ! If this radio needs repair ,do thye have parts for it? Any info would be appreciated !! Thanks! Jim Franey, Spokane ,Wa.

Hi.
Just bought me a NRD-515 from France, but left the NDH-518 on the seller´s shelt. You can throw a request at JLCSALE@... if it still is on the shelf.
Regards
Roland Sandberg
----- Original Message -----
From: Chuck Yarbrough
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, October 28, 2003 7:13 AM
Subject: [nrd-525-535] WTB: JRC NDH-518 Memory Module

Hi all-- I recently bought an NRD-515 and would like to find a 96
memory unit to use with it. If you have an NDH-518 that you would
like to sell or trade, please email me at the address below.

Chuck Yarbrough
wampus@...

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495. Squelch kicks in even when knob says off

Yahoo group: nrd-525-535
Date: 2003-10-28 23:35:14 UTC
From: Bill
Topic: 489 Message: 495

The squelch on my 525 kicks in at low signal strengths (s2 or so) even when the squelch knob is off. Is there an adjustment I can make? I can get around this problem with low signals by turning the AGC off, but this solution is annoying.

Bill Harms

496. Re: [nrd-525-535] Filters and Parts

Yahoo group: nrd-525-535
Date: 2003-10-29 03:56:39 UTC
From: Brian Denley
Topic: 494 Message: 496

JIM FRANEY wrote:
> Hi ! This may seem like a stupid question but bare with me please I
> am new to the NRD 535Db radios. (just got one!). These filters that
> were just discontinued from JRC (Universal) Are they something I need
> on my radio? I listen to mostly SW and some utilitie stuff. I know my
> radio has the Variable filter adjustment upgrade. If I do want to get
> filters is there any place that sells them? (Possibly a place with a
> stock of them?) Last question :-) ! If this radio needs repair ,do
> thye have parts for it? Any info would be appreciated !! Thanks! Jim
> Franey, Spokane ,Wa.
>

Jim:
I also have the 535Db and you really don't need any more filters. The
variable filter system works very well...and you have the 1 KHz filter
installed for utility work.

Brian Denley
http://home.comcast.net/~b.denley/index.html

497. Service manual, circuit diagrams for NRD-525

Yahoo group: nrd-525-535
Date: 2003-10-29 14:52:33 UTC
From: sm4tug
Topic: 497 Message: 497

Hi again...

I have spent some hours now, looking for the service manual and
circuit diagrams for the NRD-525 on internet. Didn´t find anything...

Does anyone know where I might find it?

Regards,

H

498. CFL-251 Filter

Yahoo group: nrd-525-535
Date: 2003-10-30 02:27:08 UTC
From: JIM FRANEY
Topic: 498 Message: 498

Hi ! I just found this in Lowes electronics web site under used & deals! I dont know if this is one of the filters you guys were looking for? JimF.

JRC CFL-251 2.4kHz. Deluxe standard sideband filter option with an excellent shape factor £15 = about $25

499. Re: [nrd-525-535] Squelch kicks in even when knob says off

Yahoo group: nrd-525-535
Date: 2003-10-30 22:04:43 UTC
From: Bill
Topic: 489 Message: 499

I take it that due to the lack of response to my question
here that there might not be an adjustment that I can make
to fixt this problem. Can someone tell me that there is no
fix, and I will have to learn to live with the problem?

Bill Harms

On 28 Oct 2003 at 18:35, Bill wrote:

> The squelch on my 525 kicks in at low signal strengths (s2 or
> so) even when the squelch knob is off. Is there an adjustment I
> can make? I can get around this problem with low signals by
> turning the AGC off, but this solution is annoying.
>
> Bill Harms

500. Re: [nrd-525-535] Squelch kicks in even when knob says off

Yahoo group: nrd-525-535
Date: 2003-10-30 22:21:17 UTC
From: Valveman
Topic: 489 Message: 500

I'll reply Bill.

The most likely cause is the potentiometer. It may be
shorting out or need cleaning. One way to be sure is
to open the rig up and spray some deox/contact cleaner
on it and rotate the pot around several times. If it
still persists, unsolder the center pin of the pot and
run the rig to see if the problem is occuring.

Let's start there and you can report what you have
found and we'll go from there.

Robert VE3RPF

--- Bill <wharms@...> wrote: > I take it that
due to the lack of response to my
> question
> here that there might not be an adjustment that I
> can make
> to fixt this problem. Can someone tell me that
> there is no
> fix, and I will have to learn to live with the
> problem?
>
> Bill Harms
>

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501. Re: [nrd-525-535] Service manual, circuit diagrams for NRD-525

Yahoo group: nrd-525-535
Date: 2003-10-30 22:12:29 UTC
From: axel.lehmann@t-online.de
Topic: 497 Message: 501

Hello SM4TUG,

in the files of the group you find the circuit diagrams. However, if you need a full copy of the service manual, I can offer you a copy on CD.

Regards - Axel, DG3AL

502. FS NRD-525 *Loaded * on eBay w/CMH-232 and many mods

Yahoo group: nrd-525-535
Date: 2003-10-31 03:25:23 UTC
From: neuquenguy
Topic: 502 Message: 502

Comes with the CMH-232 computer interface board.
Includes a 1.8 filter in the narrow position and a Kiwa premium 3.5
filter module in the aux position.
The following mods have been done profesionally by Kiwa:

- Premium 3.5 Filter Module for the AUX filter slot.
- Ultimate Rejection Upgrade
- Audio Upgrade
- Gilfer Switch Mod
- 455 MHz Audio I/F: For use with audio processors such as the
Sherwood SE-3 MK III High-Fidelity Phase-Locked AM Product Detector

503. Re: [nrd-525-535] FS NRD-525 *Loaded * on eBay w/CMH-232 and many mods

Yahoo group: nrd-525-535
Date: 2003-10-31 09:19:22 UTC
From: Hans
Topic: 502 Message: 503

Very nice, but not for us here in Europ!

Hans Amsterdam - the Netherlands

----- Original Message -----
From: "neuquenguy" <neuquenguy@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, October 31, 2003 4:25 AM
Subject: [nrd-525-535] FS NRD-525 *Loaded * on eBay w/CMH-232 and many mods

> Comes with the CMH-232 computer interface board.
> Includes a 1.8 filter in the narrow position and a Kiwa premium 3.5
> filter module in the aux position.
> The following mods have been done profesionally by Kiwa:
>
> - Premium 3.5 Filter Module for the AUX filter slot.
> - Ultimate Rejection Upgrade
> - Audio Upgrade
> - Gilfer Switch Mod
> - 455 MHz Audio I/F: For use with audio processors such as the
> Sherwood SE-3 MK III High-Fidelity Phase-Locked AM Product Detector
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>

504. nrd 535

Yahoo group: nrd-525-535
Date: 2003-11-01 10:56:26 UTC
From: claudioscarpa2001
Topic: 504 Message: 504

hi to everyone
my name is claudio from venice in Italy. I'm looking for a used nrd 525 or 535. I've seen some receivers on e bay. I'd like to know if spending more for a 535 is worthwhile. Which are the differences between the 2 receivers?
Thks e ciao to everyone
Claudio

505. Re: [nrd-525-535] nrd 535

Yahoo group: nrd-525-535
Date: 2003-11-02 01:28:49 UTC
From: JIM FRANEY
Topic: 504 Message: 505

It is ! In my estimation. JimF.
-----Original Message-----
From: claudioscarpa2001 <clausca55@...>
To: nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com>
Date: Saturday, November 01, 2003 2:56 AM
Subject: [nrd-525-535] nrd 535

hi to everyone
my name is claudio from venice in Italy. I'm looking for a used nrd
525 or 535. I've seen some receivers on e bay. I'd like to know if
spending more for a 535 is worthwhile. Which are the differences
between the 2 receivers?
Thks e ciao to everyone
Claudio

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506. Re: [nrd-525-535] nrd 535

Yahoo group: nrd-525-535
Date: 2003-11-02 02:48:30 UTC
From: Brian Denley
Topic: 504 Message: 506

claudioscarpa2001 wrote:
> hi to everyone
> my name is claudio from venice in Italy. I'm looking for a used nrd
> 525 or 535. I've seen some receivers on e bay. I'd like to know if
> spending more for a 535 is worthwhile. Which are the differences
> between the 2 receivers?
> Thks e ciao to everyone
> Claudio
>

Claudio:
The 535 is a definite upgrade to the 525 especially if you get one with the variable bandwidth control and the ECSS board. Nice to meet you!

Brian Denley
Boston MA USA
http://home.comcast.net/~b.denley/index.html

507. 525 With ESKAB Sync Detect FA

Yahoo group: nrd-525-535
Date: 2003-11-02 13:25:30 UTC
From: courir26
Topic: 507 Message: 507

Group,

I hate to part with it, but must.

The subject rig is FA, no 3056585622.

Thanks
Tom

508. SV: [nrd-525-535] nrd 535

Yahoo group: nrd-525-535
Date: 2003-11-02 14:07:43 UTC
From: Bjarne Mjelde
Topic: 504 Message: 508

I don't think that you will be disappointed with a good-quality, late serial no 525. I have two 525's and one 545, and the 525's are excellent receivers.

Regards,
Bjarne Mjelde
Berlevag, Norway
-----Opprinnelig melding-----
Fra: claudioscarpa2001 [mailto:clausca55@...]
Sendt: 1. november 2003 10:56
Til: nrd-525-535@yahoogroups.com
Emne: [nrd-525-535] nrd 535

hi to everyone
my name is claudio from venice in Italy. I'm looking for a used nrd 525 or 535. I've seen some receivers on e bay. I'd like to know if spending more for a 535 is worthwhile. Which are the differences between the 2 receivers?
Thks e ciao to everyone
Claudio

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509. NRD-525 S/N

Yahoo group: nrd-525-535
Date: 2003-11-03 12:47:57 UTC
From: Alberto di Bene
Topic: 509 Message: 509

>I don't think that you will be disappointed with a good-quality, late serial
>no 525. I have two 525's and one 545, and the 525's are excellent
>receivers.
>
>
>
Talking of serial numbers, I am still trying to uderstand how ancient is
my 525, as I read that
starting from some S/N, JRC modified the AGC behavior, reduced the hiss
noise and in general
did some other improvements to this model of radio. Mine is S/N 40665
Anybody can tell me which, if any, mods do I have ? I have no way to
compare my radio with
other 525, so cannot tell by myself. Many thanks.

73 Alberto I2PHD

510. 535D and 535G

Yahoo group: nrd-525-535
Date: 2003-11-03 23:42:42 UTC
From: claudioscarpa2001
Topic: 510 Message: 510

Dear friends
Which are the differences between NRD 535 D an NRD 535 G ???
Which is the best?? Which are the technical differences??
THKS and bye
claudio

511. SV: [nrd-525-535] 535D and 535G

Yahoo group: nrd-525-535
Date: 2003-11-03 23:50:43 UTC
From: Bjarne Mjelde
Topic: 510 Message: 511

From what I know, the "G" version is nothing else than an ordinary 535
marketed in Europe, as was the case with the 525G. The "535D" is the
version with BWC and ECSS.

Bjarne
-----Opprinnelig melding-----
Fra: claudioscarpa2001 [mailto:clascar@...]
Sendt: 3. november 2003 23:43
Til: nrd-525-535@yahoogroups.com
Emne: [nrd-525-535] 535D and 535G

Dear friends
Which are the differences between NRD 535 D an NRD 535 G ???
Which is the best?? Which are the technical differences??
THKS and bye
claudio

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512. Seeking mint 535D or mint 525 with ESKAB sync detector...

Yahoo group: nrd-525-535
Date: 2003-11-04 08:27:38 UTC
From: jeraldvolpe
Topic: 512 Message: 512

I am looking for a mint NRD-525 with ESKAB Synchronous Detection mod
(one on eBay I am considering)or even better a mint NRD-535D.

Jerald

513. Kiwa ultimate rejection filter

Yahoo group: nrd-525-535
Date: 2003-11-04 20:29:18 UTC
From: adibene
Topic: 513 Message: 513

I have just received from Kiwa the Ultimate Rejection Filter they sell.
Before modifying my radio, I would like to hear from those who have already done the mod, to learn how much effective it is, and whether there any caveats in performing the installation. Thanks

Alberto

514. Re: Kiwa ultimate rejection filter

Yahoo group: nrd-525-535
Date: 2003-11-04 22:25:51 UTC
From: ringmodulator99
Topic: 513 Message: 514

Hello Alberto,

is this a replacementfilter for the FL2 Filter?

If yes, can you identify, which type they use?

Kind regards
Chris

--- In nrd-525-535@yahoogroups.com, "adibene" <dibene@u...> wrote:
> I have just received from Kiwa the Ultimate Rejection Filter they
> sell.
> Before modifying my radio, I would like to hear from those who have
> already done the mod, to learn how much effective it is, and whether
> there any caveats in performing the installation. Thanks
>
> Alberto

515. Re: [nrd-525-535] Re: Kiwa ultimate rejection filter

Yahoo group: nrd-525-535
Date: 2003-11-05 00:05:51 UTC
From: llgpt@aol.com
Topic: 513 Message: 515

In a message dated 11/4/2003 4:56:01 PM Central Standard Time,
junkbox@... writes:
is this a replacementfilter for the FL2 Filter?

If yes, can you identify, which type they use?

Kind regards
Chris
It is an 8.2 khz ceramic filter and it replaces FL2.....works great, all
the information is on the Kiwa website Kiwa Electronics

Les Locklear

"The two most common elements in the universe are hydrogen and stupidity"

Harlan Ellison

516. NRD 535

Yahoo group: nrd-525-535
Date: 2003-11-05 00:01:41 UTC
From: claudioscarpa2001
Topic: 516 Message: 516

I'm thinking to buy a used nrd 535 g , the basic version. It hasn't
the ecss and BWC. Are these accessories so important ? Do you
suggest me to wait for another occasion? The price is about 700 euro.
Is the receiver without these accessories a good receiver ?
Bye claudio

517. Re: Kiwa ultimate rejection filter

Yahoo group: nrd-525-535
Date: 2003-11-05 02:58:58 UTC
From: jeraldvolpe
Topic: 513 Message: 517

--- In nrd-525-535@yahoogroups.com, "adibene" <dibene@u...> wrote:
> I have just received from Kiwa the Ultimate Rejection Filter they
> sell.
> Before modifying my radio, I would like to hear from those who have
> already done the mod, to learn how much effective it is, and
whether
> there any caveats in performing the installation. Thanks
>
> Alberto

I think I wrote my findings a couple weeks back after I installed it. I installed my filter by tack soldering it to the shield enclosure so it was just about a half inch above where the old filter was located and with much shorter leads than what is called for in the instructions. I am very satisfied with the results. A well spend $30.

Jerald

518. Re: Kiwa ultimate rejection filter

Yahoo group: nrd-525-535
Date: 2003-11-05 20:54:53 UTC
From: ringmodulator99
Topic: 513 Message: 518

Hi Les,

I have read the Kiwa infos. I am curious, which exact type they use. It is just not reasonable to have such items sent from the states to germany because of the shipping costs, customs an taxes. It should be a normal murata keramic filter. It has been said, that it has a pinout with 5 pins, so I dont think that it is a CFK type. From the pinout, it could be something like a CFW455HT. The specs say, it is 6 kHz at -6 dB, but in reality, I belive it is about 8 kHz at -6 dB. At -50dB this one is 18 kHz wide and ultimate rejection is claimed to be -60 dB.

This CFW455HT filter is about 7 Euro/$ in germany.

Kind regards
Chris

> It is an 8.2 khz ceramic filter and it replaces FL2.....works great, all
> the information is on the Kiwa website Kiwa Electronics
>
>
>
>
> Les Locklear
>
> "The two most common elements in the universe are hydrogen and stupidity"
>
> Harlan Ellison

519. Re: [nrd-525-535] Re: Kiwa ultimate rejection filter

Yahoo group: nrd-525-535
Date: 2003-11-05 23:24:07 UTC
From: llgpt@aol.com
Topic: 513 Message: 519

In a message dated 11/5/2003 3:02:54 PM Central Standard Time,
junkbox@... writes:
I have read the Kiwa infos. I am curious, which exact type they use.
It is just not reasonable to have such items sent from the states to
germany because of the shipping costs, customs an taxes. It should be
a normal murata keramic filter. It has been said, that it has a pinout
with 5 pins, so I dont think that it is a CFK type. From the pinout,
it could be something like a CFW455HT. The specs say, it is 6 kHz at
-6 dB, but in reality, I belive it is about 8 kHz at -6 dB. At -50dB
this one is 18 kHz wide and ultimate rejection is claimed to be -60
dB.

This CFW455HT filter is about 7 Euro/$ in germany.

Kind regards
Chris

Hi Chris,

It has no markings on mine, but I don't think it is a murata filter. I have a
3.8 premium filter module in the aux. position, and the gilfer switch mod.
The switch is labled 3.8 and 8.2. It sounds nice on in the clear programming,
not as wide as the original fl2 which was 12 kc, but nice audio nontheless. The
rejection factor is much better with it in place of the fl2.

Les

520. NRD 535Db Tuning knob

Yahoo group: nrd-525-535
Date: 2003-11-06 03:07:04 UTC
From: JIM FRANEY
Topic: 520 Message: 520

Hi I just got a 535Db an hour ago. Set it up and it works great!! so far. All functions functioning! There is one thing I noticed immediatly is that the tuning knob turns after I stop ever so lightly! As well as the readout on the screen I bring it back to 9500.00 and it rolls a little up?? Any ideas? Again thanks ahead for any info. Thanks Jim Franey

-----Original Message-----
From: llgpt@... <llgpt@...>
To: nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com>
Date: Wednesday, November 05, 2003 3:24 PM
Subject: Re: [nrd-525-535] Re: Kiwa ultimate rejection filter

In a message dated 11/5/2003 3:02:54 PM Central Standard Time, junkbox@... writes:
I have read the Kiwa infos. I am curious, which exact type they use.
It is just not reasonable to have such items sent from the states to
germany because of the shipping costs, customs an taxes. It should be
a normal murata keramic filter. It has been said, that it has a pinout
with 5 pins, so I dont think that it is a CFK type. From the pinout,
it could be something like a CFW455HT. The specs say, it is 6 kHz at
-6 dB, but in reality, I belive it is about 8 kHz at -6 dB. At -50dB
this one is 18 kHz wide and ultimate rejection is claimed to be -60
dB.

This CFW455HT filter is about 7 Euro/$ in germany.

Kind regards
Chris

Hi Chris,

It has no markings on mine, but I don't think it is a murata filter. I have a 3.8 premium filter module in the aux. position, and the gilfer switch mod. The switch is labled 3.8 and 8.2. It sounds nice on in the clear programming, not as wide as the original fl2 which was 12 kc, but nice audio nontheless. The rejection factor is much better with it in place of the fl2.

Les

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521. Re: [nrd-525-535] NRD 535Db Tuning knob

Yahoo group: nrd-525-535
Date: 2003-11-06 03:37:08 UTC
From: Bob Parnass, AJ9S
Topic: 520 Message: 521

On Wednesday 05 November 2003 09:07 pm, JIM FRANEY wrote:
> Hi I just got a 535Db an hour ago. Set it up and it works great!! so far.
> All functions functioning! There is one thing I noticed immediatly is that
> the tuning knob turns after I stop ever so lightly! As well as the readout
> on the screen I bring it back to 9500.00 and it rolls a little up?? Any
> ideas? Again thanks ahead for any info. Thanks Jim Franey

I cut out a round piece of felt material, made a 1/4" hole in the center,
and placed it on the tuning control shaft,
behind the tuning knob. The slight increase in friction
stopped the overtravel.
--
==
Bob Parnass, AJ9S GNU/Linux User http://parnass.com

522. Re: [nrd-525-535] NRD 535Db Tuning knob

Yahoo group: nrd-525-535
Date: 2003-11-06 06:17:58 UTC
From: JIM FRANEY
Topic: 520 Message: 522

Thanks Bob! Round peice of felt? Like a quarter size? witha 1/4 " hole in cntr. How do I get the knob off? Does it just pull off? Do you mean this felt is inbetween the knob and the case of the radio? With the knob pushed back on against this peice off felt? Also why does this knob do this? Again thanks for your help Bob. Yours JimF.

I cut out a round piece of felt material, made a 1/4" hole in the center,
and placed it on the tuning control shaft,
behind the tuning knob. The slight increase in friction
stopped the overtravel.
--
==========
Bob Parnass, AJ9S GNU/Linux User http://parnass.com

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523. Re: [nrd-525-535] NRD 535Db Tuning knob

Yahoo group: nrd-525-535
Date: 2003-11-06 14:09:44 UTC
From: Bob Parnass, AJ9S
Topic: 520 Message: 523

On Thursday 06 November 2003 12:17 am, JIM FRANEY wrote:
> Thanks Bob! Round peice of felt? Like a quarter size?

I did this a few years ago and I don't recall all the
details.

Smaller than the diameter of the tuning knob.
Big enough to add sufficient frictional area.

> witha 1/4 " hole in
> cntr. How do I get the knob off?

I think I removed the rubber padded ring around
the tuning knob and it revealed set screws.

> Does it just pull off?

No. You must first loosen the setscrews.

> Do you mean this
> felt is inbetween the knob and the case of the radio?

Yes.

> With the knob pushed
> back on against this peice off felt?

Yes.

> Also why does this knob do this?

Physics and perhaps a worn bearing. :-)

> Again
> thanks for your help Bob. Yours JimF.

Glad to help.
--
==========
Bob Parnass, AJ9S GNU/Linux User http://parnass.com

524. Re: Kiwa ultimate rejection filter

Yahoo group: nrd-525-535
Date: 2003-11-06 14:30:17 UTC
From: Alberto di Bene
Topic: 513 Message: 524

>I have read the Kiwa infos. I am curious, which exact type they use.
>It is just not reasonable to have such items sent from the states to
>germany because of the shipping costs, customs an taxes. It should be
>a normal murata keramic filter. It has been said, that it has a pinout
>with 5 pins, so I dont think that it is a CFK type. From the pinout,
>it could be something like a CFW455HT. The specs say, it is 6 kHz at
>-6 dB, but in reality, I belive it is about 8 kHz at -6 dB. At -50dB
>this one is 18 kHz wide and ultimate rejection is claimed to be -60
>dB.
>
>
>
I live in Italy, and the total cost to me has been 32 USD, 28 for the
filter itself (bought on eBay)
and 4 dollars for the shipment. No custom duties, nor taxes. For small
packets it should be the
same also for Germany. Small envelopes arrive directly through the mail
service, the custom
is not invlved.
This evening I will take a picture of the filter and place the image
file on the file section of this
discussion group. I won't open however the mesh grid that wraps it, so
the exact type of the
filter must be deducted from the photo.
Kiwa claims better performances than those that you report for the CFW455HT.
As soon as I have installed it, I will let you know my impressions.

Alberto

525. Re: Kiwa ultimate rejection filter

Yahoo group: nrd-525-535
Date: 2003-11-07 18:55:40 UTC
From: adibene
Topic: 513 Message: 525

I have just uploaded to the Photo section of this group three photos of the Kiwa Ultimate Rejection Filter.

When you are there, clicking on the thumbnail will show an intermediate size picture. Click again on it and you will have a full-size photo shown.

I placed a Yale key near the filter, to make possible an evaluation of the size, which is really small... I wonder which kind of filter is this.

73 Alberto I2PHD

526. Re: [nrd-525-535] NRD 535

Yahoo group: nrd-525-535
Date: 2003-11-07 18:46:10 UTC
From: Brian Denley
Topic: 516 Message: 526

claudioscarpa2001 wrote:
> I'm thinking to buy a used nrd 535 g , the basic version. It hasn't
> the ecss and BWC. Are these accessories so important ? Do you
> suggest me to wait for another occasion? The price is about 700 euro.
> Is the receiver without these accessories a good receiver ?
> Bye claudio
>

Claudio:
That seem like a lot of money for the basic receiver, at least for a used model. It would be a reasonable price for the model with the ECSS and BW control. As an example, I bought my 535Db (has all the options) for $950 NEW still sealed in the box, just a couple of months ago..

Brian Denley
http://home.comcast.net/~b.denley/index.html

527. Re: Kiwa ultimate rejection filter

Yahoo group: nrd-525-535
Date: 2003-11-07 19:22:33 UTC
From: ringmodulator99
Topic: 513 Message: 527

Hi Alberto,

thanks for the pics!

This one looks exactly like a cfw455 from murata, that I mentioned in my earlier post.
Of course the mesh is not on the original murata.

I am quite sure that it is an CFW455HT filter. They go for about 7 Euro.
I am using one in my 535DG on FL2 position and anotherone on the AUX position.
AM is quite pleasant wit AUX and FM works also good.

73 and gl

Chris, DJ0MDJ

--- In nrd-525-535@yahoogroups.com, "adibene" <dibene@u...> wrote:
> I have just uploaded to the Photo section of this group three photos
> of the Kiwa Ultimate Rejection Filter.
>
> When you are there, clicking on the thumbnail will show an
> intermediate size picture. Click again on it and you will have a
> full-size photo shown.
>
> I placed a Yale key near the filter, to make possible an evaluation of
> the size, which is really small... I wonder which kind of filter is
> this.
>
> 73 Alberto I2PHD

528. WTB Filter for 525

Yahoo group: nrd-525-535
Date: 2003-11-09 03:17:53 UTC
From: ab7wh
Topic: 528 Message: 528

Want to buy filter CFL-231, 240 Hz for my NRD 525. If you have one gathering dust and you need a little extra cash, please contact me.
Thanks for looking in!
Bruce, AB7WH

529. kein Betreff

Yahoo group: nrd-525-535
Date: 2003-11-09 11:33:34 UTC
From: dahm-kess@t-online.de
Topic: 529 Message: 529

please donn`t send me any more postings and e-mails.
thank you very much. m.dahm

530. Re: [nrd-525-535] kein Betreff

Yahoo group: nrd-525-535
Date: 2003-11-09 11:54:41 UTC
From: Hans
Topic: 529 Message: 530

!!!!!!!!!!!!!To unsubscribe from this group, send an email to:
!!!!!!!!!!!!!!
!!!!!!!!!!!!! nrd-525-535-unsubscribe@yahoogroups.com !!!!!!!!!!!!!!!!

grtz. Hans

www.hansdezeeuw.nl

----- Original Message -----
From: <dahm-kess@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, November 09, 2003 12:33 PM
Subject: [nrd-525-535] kein Betreff

> please donn`t send me any more postings and e-mails.
> thank you very much. m.dahm
>
>
>
> To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

531. NRD-535D versus NRD-545?

Yahoo group: nrd-525-535
Date: 2003-11-09 18:46:14 UTC
From: jeraldvolpe
Topic: 531 Message: 531

I am looking at a never-used, in-the-box NRD-535D and comparing against a new NRD-545 and wondering which will provide the best overall performance. Difference in present-daty cost will not be a determining factor.

I have an early serial number NRD-525 and a Ten-Tec RX-350 now (DSP). I like both of these receivers for different reasons and feel disappointed in each differently as well. At first I thought the 545 might be a nice melding of the two, however my online research seems to indicate serious questions regarding audio quality. I have even listened to a number of audio samples and heard DSP artifacts that concern me. On the other hand I have yet to find a negative review of the 535D.

Thoughts please.

Jerald

532. Re: [nrd-525-535] NRD-535D versus NRD-545?

Yahoo group: nrd-525-535
Date: 2003-11-09 19:13:37 UTC
From: Bob Parnass, AJ9S
Topic: 531 Message: 532

On Sunday 09 November 2003 12:46 pm, jeraldvolpe wrote:
> I am looking at a never-used, in-the-box NRD-535D and comparing
> against a new NRD-545 and wondering which will provide the best
> overall performance. Difference in present-daty cost will not be a
> determining factor....

You didn't mention the type of listening you enjoy.

My listening tastes are utilities and AM BCB. I was very fond of the NRD-535D
I owned, but replaced it with an NRD-545. I prefer the NRD-545 for
several reasons, including the continuously variable bandwidth
and AGC release times, increased memory, and more powerful
computer control command set. I found the NRD-545's notch to
produce a deeper and sharper null than the NRD-535D's notch.

When it's too cold to spend alot of time in the basement using
the NRD-545 directly, I control it remotely from a warmer
location using my tk545 open source software.
--
==========
Bob Parnass, AJ9S GNU/Linux User http://parnass.com

533. Re: NRD-535D versus NRD-545?

Yahoo group: nrd-525-535
Date: 2003-11-09 20:21:03 UTC
From: jeraldvolpe
Topic: 531 Message: 533

> You didn't mention the type of listening you enjoy.
>
Ahhh, I mostly listen to international broadcasters. There are times when I get the bug to go fishing into the noise to see what is there and ocassionally I seek out a pirate or two :) Even though I was a ham for many years once I left the hobby I don't seem to have much listening interest there (curious).

I do have two situations that I have to work around: 1. I am in a community in sight of San Francisco therefore I have a lot of strong nearby broadcasters to content with. 2. I have an unfortunately high level of man-made noise (AC hash) that can extend all the way to 22 MHz most of the times and can be as high as S-7 or more.... a real challenge. The DSP noise reduction circuit in the RX-350 helps a lot here.

I will probably keep my NRD-525 regardless of what I buy. Got it off eBay and it was a mess and can't pass that on to anyone else... but I got it working nicely though.

Jerald

534. SV: [nrd-525-535] Re: NRD-535D versus NRD-545?

Yahoo group: nrd-525-535
Date: 2003-11-09 20:28:17 UTC
From: Bjarne Mjelde
Topic: 531 Message: 534

If you primarily listen for international broadcasters, you should be aware that the AM mode on the 545 has a totally inadequate AGC setting, making the use of AM useless in quick fading. This also applies to AM-ECSS. In that respect, the 525 and 535 would perform better. For MW and Tropical Band DX, the 545 is excellent with its true variable bandwidth, variable AGC, superb notch and 1000 memory positions, and with the use of LSB or USB modes.

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway
-----Opprinnelig melding-----
Fra: jeraldvolpe [mailto:jervolpe@...]
Sendt: 9. november 2003 20:21
Til: nrd-525-535@yahoogroups.com
Emne: [nrd-525-535] Re: NRD-535D versus NRD-545?

> You didn't mention the type of listening you enjoy.
>
Ahhh, I mostly listen to international broadcasters. There are times when I get the bug to go fishing into the noise to see what is there and ocassionally I seek out a pirate or two :) Even though I was a ham for many years once I left the hobby I don't seem to have much listening interest there (curious).

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I will probably keep my NRD-525 regardless of what I buy. Got it off eBay and it was a mess and can't pass that on to anyone else... but I got it working nicely though.

Jerald

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535. Hex Screws

Yahoo group: nrd-525-535
Date: 2003-11-12 13:15:32 UTC
From: JIM FRANEY
Topic: 535 Message: 535

Hi ! I am having a problem with my tuning knob rolling around! (it keeps moving after I stop on a freq. I know a way to fix this but what size is the allen screw in the knob ? Nothing I have fits? Thanks! Jim F.

536. Re: Hex Screws

Yahoo group: nrd-525-535
Date: 2003-11-13 03:40:54 UTC
From: jeraldvolpe
Topic: 535 Message: 536

--- In nrd-525-535@yahoogroups.com, "JIM FRANEY" <jim.franey@g...>
wrote:
> Hi ! I am having a problem with my tuning knob rolling around! (it
keeps moving after I stop on a freq. I know a way to fix this but
what size is the allen screw in the knob ? Nothing I have fits?
Thanks! Jim F.

You using metric sizes? There cabinet screws have metric threads so
the set screws are probably metric too. Just a thought.

Jerald

537. "New" NRD-525 received at last!

Yahoo group: nrd-525-535
Date: 2003-11-16 11:59:58 UTC
From: sm4tug
Topic: 537 Message: 537

Hi everyone!

Received my NRD-525, shipped with DHL from Belgium, two days ago. The receiver was in good condition and hadn´t suffered any damage during the shipping. Yesterday, I spent some hours making a few modifications on the radio. Here´s the modifications I´ve done sofar:

1. The arrester diodes (CD1-CD4 on the HF-card CFL-205) has been replaced with a 1 mH RF-choke, coupled in parallell with a neon bulb.

2. The AGC-circuit has been modified "Dallas Lankford-style".

3. FL2 has been replaced with Kiwa´s NRD-525 Ultimate Rejection Kit.

4. FL3 has been replaced by a Murata CFK455I.

5. In the AUX filter slot I put a CFL-251 2.4 kHz crystal filter, which I bought from Lowe Electronics in UK for £15(!!).

I´m still looking for a CFK-218A crystal filter to put in the Narrow filter slot and also a CFJ455K5 to replace the Intermediate filter (FL4). I spent some listening time both before and after making the modifications, and I can tell that the difference is stunning! Even the audio is pleasant!

538. 535Db Upgrades

Yahoo group: nrd-525-535
Date: 2003-11-16 14:38:31 UTC
From: JIM FRANEY
Topic: 538 Message: 538

Hi! I keep seeing this Kiwa Ultimate Rejection filter for the 535D advertised on e bay. Is this mod. worth putting on my 535Db or not? What are other mods that would upgrade the 535Db.? I am new to this radio (2 weeks) and like it a lot but if I can make it better Id like to. Thanks Jim F.

-----Original Message-----
From: sm4tug <hans@...>
To: nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com>
Date: Sunday, November 16, 2003 4:00 AM
Subject: [nrd-525-535] "New" NRD-525 received at last!

Hi everyone!

Received my NRD-525, shipped with DHL from Belgium, two days ago.
The receiver was in good condition and hadn´t suffered any damage
during the shipping. Yesterday, I spent some hours making a few
modifications on the radio. Here´s the modifications I´ve done sofar:

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539. Re: [nrd-525-535] 535Db Upgrades

Yahoo group: nrd-525-535
Date: 2003-11-16 18:12:06 UTC
From: llgpt@aol.com
Topic: 538 Message: 539

In a message dated 11/16/2003 8:39:49 AM Central Standard Time,
jim.franey@... writes:
Hi! I keep seeing this Kiwa Ultimate Rejection filter for the 535D advertised
on e bay. Is this mod. worth putting on my 535Db or not? What are other mods
that would upgrade the 535Db.? I am new to this radio (2 weeks) and like it a
lot but if I can make it better Id like to. Thanks Jim F.

Hi Jim and group,

Yes, it make a good receiver even better. The other Kiwa modifications are
well worthwhile imho. It all depends on what kind of listening you do and how
critical you might be on the agc and audio problems there are on the 525/535
series.

Many years ago (1986) the NRD-525 was released, I purchased one immediately,
and sold it almost as quickly. It had what I perceived to be bad audio, agc
attack and release times that were poorly planned for am listening. A couple of
years passed and Kiwa released a new product, the Kiwa MAP 1.0 Synchronous
Detector. I happened to get another NRD-525 at a giveaway price and used it with
the Kiwa Map. Much improved audio, more filter choices and much better for
long term listening with no audio fatigue. A couple years later, Kiwa offered
their modifications, so off to Kiwa with the 525. What a difference, like a
different receiver. Then another JRC receiver came along, a 535 without the ecss
and bandwidth control. Same results as the 525, audio and agc issues. Off to
Kiwa for the treatment and two premium filter modules. Superb receiver. I
personally prefer the 525 as they are somewhat quieter, (display noise on the 535 is
much worse) and the 525 has a tcxo as standard, it is an option in the 535.
Then, another 525, this one had the Eskab/Edvis modifications, filters 6.0, 4.0,
2.4 and 1.8 super receiver, but traded it and it recently was sold on e-bay
by the friend who purchased it. I presently have a 525 with a 3.8 premium
filter module and ALL the Kiwa mods. I use it with a Sherwood SE-3 Mk3 Deluxe
synchronous detector. It has superb audio, and is my favorite receiver. I also have
used and continue to use a rebuilt Hammarlund SP-600 with the Kiwa Map Unit,
and it is my favorite tube receiver. I have thinned the shack down over the
years, and intend to keep the 525. Without the Kiwa modifications, it is only a
high priced average receiver in my opinion. I'm sure others will either agree
or disagree. That is what makes this such a great hobby.

Les Locklear
Monitoring from The Gulf of Mexico
Hammarlund R-274C/FRR (SP-600JX-14)
JRC NRD-525 (Kiwa Modified)
Kiwa Map Unit
Sherwood SE-3 MK3
Alpha Delta Sloper
Various Longwires

Monitoring since '57

540. Re: [nrd-525-535] 535Db Upgrades

Yahoo group: nrd-525-535
Date: 2003-11-16 18:16:49 UTC
From: llgpt@aol.com
Topic: 538 Message: 540

In a message dated 11/16/2003 8:39:49 AM Central Standard Time,
jim.franey@... writes:
Hi! I keep seeing this Kiwa Ultimate Rejection filter for the 535D advertised
on e bay. Is this mod. worth putting on my 535Db or not? What are other mods
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critical you might be on the agc and audio problems there are on the 525/535
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Then, another 525, this one had the Eskab/Edvis modifications, filters 6.0, 4.0,
2.4 and 1.8 super receiver, but traded it and it recently was sold on e-bay
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synchronous detector. It has superb audio, and is my favorite receiver. I also have
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JRC NRD-525 (Kiwa Modified)
Kiwa Map Unit
Sherwood SE-3 MK3
Alpha Delta Sloper
Various Longwires

Monitoring since '57

541. Re: [nrd-525-535] 535Db Upgrades

Yahoo group: nrd-525-535
Date: 2003-11-16 17:17:00 UTC
From: Brian Denley
Topic: 538 Message: 541

JIM FRANEY wrote:
> Hi! I keep seeing this Kiwa Ultimate Rejection filter for the 535D
> advertised on e bay. Is this mod. worth putting on my 535Db or not?
> What are other mods that would upgrade the 535Db.? I am new to this
> radio (2 weeks) and like it a lot but if I can make it better Id like
> to. Thanks Jim F.
>
>

Jim:
Not from what I can see. That mod seems to be aimed at the earlier 535s
that have the wider am filter and don't have the bandwidth control.

Brian Denley
http://home.comcast.net/~b.denley/index.html

542. Re: [nrd-525-535] 535Db Upgrades

Yahoo group: nrd-525-535
Date: 2003-11-16 18:33:47 UTC
From: llgpt@aol.com
Topic: 538 Message: 542

In a message dated 11/16/2003 12:19:16 PM Central Standard Time,
b.denley@... writes:
JIM FRANEY wrote:
> Hi! I keep seeing this Kiwa Ultimate Rejection filter for the 535D
> advertised on e bay. Is this mod. worth putting on my 535Db or not?
> What are other mods that would upgrade the 535Db.? I am new to this
> radio (2 weeks) and like it a lot but if I can make it better Id like
> to. Thanks Jim F.
>
>

Jim:
Not from what I can see. That mod seems to be aimed at the earlier 535s
that have the wider am filter and don't have the bandwidth control.

Brian Denley
http://home.comcast.net/~b.denley/index.html
Jim, Brian and Group,

It will improve the 535DB also, as ALL of the 525/535 receivers have the barn door wide roofing filter FL2 which is a whopping 12 kc (I'm old enough to use kc instead of khz) filter which affects the front end of the receiver. Read Craig Siegenthaler's blurb on why it should be replaced on the Kiwa website. It vastly improves the ultimate rejection of the receiver. It can't help but improve it. But, if you are in an area where you have nothing but weak signals, the stock receiver will probably suffice. But, the audio and agc are less than stellar for my ears and liking. YMMV. My 525 has the following filters, 8.2, 6.0. 3.8 and 2.4. That works great for me.

Les Locklear

543. Re: [nrd-525-535] 535Db Upgrades

Yahoo group: nrd-525-535
Date: 2003-11-17 00:11:20 UTC
From: JIM FRANEY
Topic: 538 Message: 543

Hi again and thanks for the input. Does this mod. need an electronics expert? What is this Kiwa Map unit? is it like the NVA 319 . How much does it upgrade sound and why? Thanks! Jim F.

-----Original Message-----
From: llgpt@... <llgpt@...>
To: nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com>
Date: Sunday, November 16, 2003 10:33 AM
Subject: Re: [nrd-525-535] 535Db Upgrades

In a message dated 11/16/2003 12:19:16 PM Central Standard Time, b.denley@... writes:
JIM FRANEY wrote:
> Hi! I keep seeing this Kiwa Ultimate Rejection filter for the 535D
> advertised on e bay. Is this mod. worth putting on my 535Db or not?
> What are other mods that would upgrade the 535Db.? I am new to this
> radio (2 weeks) and like it a lot but if I can make it better Id like
> to. Thanks Jim F.
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that have the wider am filter and don't have the bandwidth control.

Brian Denley
http://home.comcast.net/~b.denley/index.html
Jim, Brian and Group,

It will improve the 535DB also, as ALL of the 525/535 receivers have the barn door wide roofing filter FL2 which is a whopping 12 kc (I'm old enough to use kc instead of khz) filter which affects the front end of the receiver. Read Craig Siegenthaler's blurb on why it should be replaced on the Kiwa website. It vastly improves the ultimate rejection of the receiver. It can't help but improve it. But, if you are in an area where you have nothing but weak signals, the stock receiver will probably suffice. But, the audio and agc are less than stellar for my ears and liking. YMMV. My 525 has the following filters, 8.2, 6.0. 3.8 and 2.4. That works great for me.

Les Locklear

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544. Re: 535Db Upgrades

Yahoo group: nrd-525-535
Date: 2003-11-17 00:22:20 UTC
From: tubecrusher
Topic: 538 Message: 544

Hi Jim and group,

The Kiwa modifications can be done if you are good soldering smd components and are familiar with working on printed circuit boards. Craig at Kiwa makes some of the items available for people who are comfortable with installing these items. Other modifications, such as the tone tilt mod need to be done by Kiwa. The Kiwa map was a Synchronous Detector unit with a built in speaker and amplifier. It had two bandwidths, wide (approx. 6.9 kc) and narrow (approx. 2.9 kc) and a high frequency filter and a tone tilt control. (mentioned on Kiwa's website)It was useable with any receiver with a 455 kc if, either solid state or vacuum tube. They haven't been in production for quite sometime now. They originally sold for $340 I believe. They used 8 cascaded filters to achieve the two bandwidths. I have used mine with many different pieces of equipment and it improved every single one of them. It is a remarkable piece of equipment, and I would never part with mine.

Les Locklear

--- In nrd-525-535@yahoogroups.com, "JIM FRANEY" <jim.franey@g...> wrote:
> Hi again and thanks for the input. Does this mod. need an electronics expert? What is this Kiwa Map unit? is it like the NVA 319 . How much does it upgrade sound and why? Thanks! Jim F.
>
>
>
>
> -----Original Message-----
> From: llgpt@a... <llgpt@a...>
> To: nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com>
> Date: Sunday, November 16, 2003 10:33 AM
> Subject: Re: [nrd-525-535] 535Db Upgrades
>
>
> In a message dated 11/16/2003 12:19:16 PM Central Standard Time, b.denley@c... writes:
> JIM FRANEY wrote:
> > Hi! I keep seeing this Kiwa Ultimate Rejection filter for the 535D
> > advertised on e bay. Is this mod. worth putting on my 535Db or not?
> > What are other mods that would upgrade the 535Db.? I am new to this
> > radio (2 weeks) and like it a lot but if I can make it better

Id like
> > to. Thanks Jim F.
> >
> >
>
>
> Jim:
> Not from what I can see. That mod seems to be aimed at the
earlier 535s
> that have the wider am filter and don't have the bandwidth
control.
>
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
> Jim, Brian and Group,
>
> It will improve the 535DB also, as ALL of the 525/535 receivers
have the barn door wide roofing filter FL2 which is a whopping 12 kc
(I'm old enough to use kc instead of khz) filter which affects the
front end of the receiver. Read Craig Siegenthaler's blurb on why it
should be replaced on the Kiwa website. It vastly improves the
ultimate rejection of the receiver. It can't help but improve it.
But, if you are in an area where you have nothing but weak signals,
the stock receiver will probably suffice. But, the audio and agc are
less than stellar for my ears and liking. YMMV. My 525 has the
following filters, 8.2, 6.0. 3.8 and 2.4. That works great for me.
>
> Les Locklear
>
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>
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545. Re: [nrd-525-535] Re: 535Db Upgrades

Yahoo group: nrd-525-535
Date: 2003-11-17 01:03:28 UTC
From: JIM FRANEY
Topic: 538 Message: 545

Thanks Les! Kiwa does these mods there? I noticed an ECSS mod. what do you thing on that? Again thanks! JimF.

-----Original Message-----
From: tubecrusher <llgpt@...>
To: nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com>
Date: Sunday, November 16, 2003 4:22 PM
Subject: [nrd-525-535] Re: 535Db Upgrades

Hi Jim and group,

The Kiwa modifications can be done if you are good soldering smd components and are familiar with working on printed circuit boards. Craig at Kiwa makes some of the items available for people who are comfortable with installing these items. Other modifications, such as the tone tilt mod need to be done by Kiwa. The Kiwa map was a Synchronous Detector unit with a built in speaker and amplifier. It had two bandwidths, wide (approx. 6.9 kc) and narrow (approx. 2.9 kc) and a high frequency filter and a tone tilt control. (mentioned on Kiwa's website)It was useable with any receiver with a 455 kc if, either solid state or vacuum tube. They haven't been in production for quite sometime now. They originally sold for $340 I believe. They used 8 cascaded filters to achieve the two bandwidths. I have used mine with many different pieces of equipment and it improved every single one of them. It is a remarkable piece of equipment, and I would never part with mine.

Les Locklear

--- In nrd-525-535@yahoogroups.com, "JIM FRANEY" <jim.franey@g...> wrote:
> Hi again and thanks for the input. Does this mod. need an electronics expert? What is this Kiwa Map unit? is it like the NVA 319 . How much does it upgrade sound and why? Thanks! Jim F.
>
>
>
>
> -----Original Message-----
> From: llgpt@a... <llgpt@a...>
> To: nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com>
> Date: Sunday, November 16, 2003 10:33 AM
> Subject: Re: [nrd-525-535] 535Db Upgrades
>
>
> In a message dated 11/16/2003 12:19:16 PM Central Standard Time,

b.denley@c... writes:
> JIM FRANEY wrote:
> > Hi! I keep seeing this Kiwa Ultimate Rejection filter for the
535D
> > advertised on e bay. Is this mod. worth putting on my 535Db
or not?
> > What are other mods that would upgrade the 535Db.? I am new
to this
> > radio (2 weeks) and like it a lot but if I can make it better
Id like
> > to. Thanks Jim F.
> >
> >
>
>
> Jim:
> Not from what I can see. That mod seems to be aimed at the
earlier 535s
> that have the wider am filter and don't have the bandwidth
control.
>
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
> Jim, Brian and Group,
>
> It will improve the 535DB also, as ALL of the 525/535 receivers
have the barn door wide roofing filter FL2 which is a whopping 12 kc
(I'm old enough to use kc instead of khz) filter which affects the
front end of the receiver. Read Craig Siegenthaler's blurb on why it
should be replaced on the Kiwa website. It vastly improves the
ultimate rejection of the receiver. It can't help but improve it.
But, if you are in an area where you have nothing but weak signals,
the stock receiver will probably suffice. But, the audio and agc are
less than stellar for my ears and liking. YMMV. My 525 has the
following filters, 8.2, 6.0. 3.8 and 2.4. That works great for me.
>
> Les Locklear
>
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546. Re: [nrd-525-535] Re: 535Db Upgrades

Yahoo group: nrd-525-535
Date: 2003-11-17 01:20:08 UTC
From: llgpt@aol.com
Topic: 538 Message: 546

In a message dated 11/16/2003 7:05:09 PM Central Standard Time,
jim.franey@... writes:
Thanks Les! Kiwa does these mods there? I noticed an ECSS mod. what do you
thing on that? Again thanks! JimF.

Well, the ecss the way it came from the JRC factory would lose lock easily.
The Kiwa mods take care of it. The agc mods are great and it improves the am
listening considerably. With the audio mods and tone tilt mod, the audio
sparkles. If it were mine, I would go for the works, but it all depends on your
listening habits and if you find the audio fatiguing like I did. If you listen to
mostly utilities, it's pretty much ok the way it is. But if you listen to am,
you should get at the very minimum the agc mod and the ultimate rejection mod.
The factory NVA-319 speaker is not very good imho, but the audio mods make
even it sound better. I'm not knocking the NRD series, it's just the way Japanese
receivers sound and the agc defeciencies.

Les Locklear

547. Recording on Computer

Yahoo group: nrd-525-535
Date: 2003-11-19 10:39:28 UTC
From: Bill Harms
Topic: 538 Message: 547

What is the best way to connect my 525 to my computer to record catches? I tried the four audio outputs from my radio to my computer and all of the connections introduce computer hash. I am using a laptop with a "mic" input, the only one on the computer.

Do I need an isolation transformer of some kind?

Bill Harms

548. Re: [nrd-525-535] Recording on Computer

Yahoo group: nrd-525-535
Date: 2003-11-19 12:54:53 UTC
From: Bjarne Mjelde
Topic: 538 Message: 548

I have had no trouble with recording off my receivers (including two 525's) - however I have used the line-in, not mic input. If you don't have a line input on your laptop, you may want to consider an external soundboard like Creative Soundblaster MP3+, it connects to a USB port and has two phono inputs for stereo audio. Can be fastened to the laptop cover with velcro. I use this one on one of my (none line-in) laptops and it works like a gem. Creative says USD 59.99, maybe cheaper elsewhere.

Btw I have found that recording off the 525's external speaker output is just as fine as using the line-out, since you can adjust output level with the AF Gain. The audio quality seems to be identical.

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway

<-----Original Message----->
From: Bill Harms
Sent: 11/19/2003 2:39:28 PM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Recording on Computer

What is the best way to connect my 525 to my computer to record catches? I tried the four audio outputs from my radio to my computer and all of the connections introduce computer hash. I am using a laptop with a "mic" input, the only one on the computer.

Do I need an isolation transformer of some kind?

Bill Harms

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549. ESKAB-EDVIS and VHF

Yahoo group: nrd-525-535
Date: 2003-11-19 17:29:27 UTC
From: darobin
Topic: 549 Message: 549

Does anyone know if there is a way to work around the
ESKAB board to use it and the VHF/UHF capability of
the 525 simultaneously?

thanks

550. Re: [nrd-525-535] Recording on Computer

Yahoo group: nrd-525-535
Date: 2003-11-20 11:23:51 UTC
From: Bill Harms
Topic: 538 Message: 550

Thanks Bjarne,

I traced the problem to a stereo mini-plug cable. The third conductor in it was introducing interference, apparently because it was not properly ground. I purchased the USB audio board you mentioned and changed the cables. Now it works just fine. I can now listen to my radio through the board and my computer. The only problem is finding a good user friendly program to do my recording.

Bill Harms
Elkridge, Maryland.

On 19 Nov 2003 at 4:54, Bjarne Mjelde wrote:

> I have had no trouble with recording off my receivers (including two
> 525's) - however I have used the line-in, not mic input. If you don't
> have a line input on your laptop, you may want to consider an external
> soundboard like Creative Soundblaster MP3+, it connects to a USB port
> and has two phono inputs for stereo audio. Can be fastened to the
> laptop cover with velcro. I use this one on one of my (none line-in)
> laptops and it works like a gem. Creative says USD 59.99, maybe
> cheaper elsewhere. Btw I have found that recording off the 525's
> external speaker output is just as fine as using the line-out, since
> you can adjust output level with the AF Gain. The audio quality seems
> to be identical.

551. Re: [nrd-525-535] Recording on Computer

Yahoo group: nrd-525-535
Date: 2003-11-20 12:11:24 UTC
From: Bjarne Mjelde
Topic: 538 Message: 551

For recording, try Total Recorder from www.highcriteria.com. It lets you record in most formats, including wav and mp3 in many bitrates, and it has a user-selectable time buffer so that you won't miss an ID because you were too late to hit the Record button. Can also be used for automatic recording at specified times and duration. Extremely easy to scan an audio file since you can jump forward or backwards at intervals you choose (2, 4, 8, 16 seconds etc). You can also select a part of the recording and save the selection. A registered standard version costs USD 12, the trial version is fully working but restricted to recording 40 seconds at a time. Another useful too which I haven't tested is RecAll Pro, from www.sagebrush.com. It can be VOX activated.

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway

<-----Original Message----->
From: Bill Harms
Sent: 11/20/2003 3:23:51 PM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Recording on Computer

Thanks Bjarne,

I traced the problem to a stereo mini-plug cable. The third conductor in it was introducing interference, apparently because it was not properly ground. I purchased the USB audio board you mentioned and changed the cables. Now it works just fine. I can now listen to my radio through the board and my computer. The only problem is finding a good user friendly program to do my recording.

Bill Harms
Elkridge, Maryland.

On 19 Nov 2003 at 4:54, Bjarne Mjelde wrote:

> I have had no trouble with recording off my receivers (including two
> 525's) - however I have used the line-in, not mic input. If you don't
> have a line input on your laptop, you may want to consider an external
> soundboard like Creative Soundblaster MP3+, it connects to a USB port
> and has two phono inputs for stereo audio. Can be fastened to the
> laptop cover with velcro. I use this one on one of my (none line-in)
> laptops and it works like a gem. Creative says USD 59.99, maybe
> cheaper elsewhere. Btw I have found that recording off the 525's
> external speaker output is just as fine as using the line-out, since
> you can adjust output level with the AF Gain. The audio quality seems

> to be identical.

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552. Re: Recording on Computer

Yahoo group: nrd-525-535
Date: 2003-11-21 02:59:55 UTC
From: jeraldvolpe
Topic: 538 Message: 552

--- In nrd-525-535@yahoogroups.com, "Bill Harms" <wharms@c...> wrote:
> Thanks Bjarne,
>
> I traced the problem to a stereo mini-plug cable. The third
> conductor in it was introducing interference, apparently because
it
> was not properly ground. I purchased the USB audio board you
> mentioned and changed the cables. Now it works just fine. I can
> now listen to my radio through the board and my computer. The
> only problem is finding a good user friendly program to do my
> recording.
>
> Bill Harms
> Elkridge, Maryland.

Bill, I use two programs for audio recording on my receivers (one of which is a 5255). The first program is called Yamp 2.3... pretty conventional in operation but with a really nice graphic display and it has a built in timer function.

http://www.softuarium.com/index.htm

The second program is called Loop Recorder. I discovered this one from a link at Radio Netherlands. It is a great audio recorder program that in normal operation runs a continuous recording loop. The default is 10 minutes. At any time you can change it to continuous and then stop, edit and save.

http://www.looprecorder.de/

This is a great program for those of us who are slow at turning on the recorder. As long as you get to it within the fixed loop period you can change it to continuous and never loose the beginning of the program.

I have tried a number of other programs but found myself gravitating towards these two. They are not free but they are not expensive either.

I can't recall seeing a laptop without a line in before... many without a mic input except on their docks. Anyway, always want to use a high level input if you can.

Hmmmmmmmmm, I recall that there is a third audio program that I don't have loaded on this computer at the moment. It was more of an editor and organizer. Maybe I'll remember it later.

73,

Jerald

553. Info wanted on NRD-515 Dial Light bulb Replacement

Yahoo group: nrd-525-535
Date: 2003-11-23 04:01:16 UTC
From: Chuck Yarbrough
Topic: 553 Message: 553

Hi all--Does anyone know where I can get replacement bulbs for my NRD-515? The S-Meter light went out and I haven't been able to locate a source of replacement lamps.

Any help would be appreciated.

73,
Chuck

554. Re: [nrd-525-535] Digest Number 231

Yahoo group: nrd-525-535
Date: 2003-11-24 15:24:36 UTC
From: darobin
Topic: 554 Message: 554

Most interested in the response you get on this question. Also,
has anyone investigated possible replacements for the LED digits
on the 515?

Dan

nrd-525-535@yahoogroups.com wrote:

>
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>
>
>--
>
>There is 1 message in this issue.
>
>Topics in this digest:
>
> 1. Info wanted on NRD-515 Dial Light bulb Replacement
> From: "Chuck Yarbrough" <wampus@...>
>
>
>____
>____
>
>Message: 1
> Date: Sun, 23 Nov 2003 04:01:16 -0000
> From: "Chuck Yarbrough" <wampus@...>
>Subject: Info wanted on NRD-515 Dial Light bulb Replacement
>
>Hi all--Does anyone know where I can get replacement bulbs for my NRD-
>515? The S-Meter light went out and I haven't been able to locate a
>source of replacement lamps.
>
>Any help would be appreciated.
>
>73,
>Chuck
>
>
>
>____
>____
>
>

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>
>

555. sub

Yahoo group: nrd-525-535
Date: 2003-12-12 00:09:48 UTC
From: Barry
Topic: 555 Message: 555

sub

556. firmware update nrd525

Yahoo group: nrd-525-535
Date: 2003-12-14 11:07:26 UTC
From: Bart
Topic: 556 Message: 556

Hi,

can anyone tell me how to get the new firmware as described on
http://perso.wanadoo.fr/geip/NRD525.htm ?

i send the man a couple of mails (qrv@...) but i'm afraid he
is not qrv on email (maybe he is on holiday or something?)

thanks

Bart

557. Re: firmware update nrd525

Yahoo group: nrd-525-535
Date: 2003-12-14 20:49:30 UTC
From: jeraldvolpe
Topic: 556 Message: 557

--- In nrd-525-535@yahoogroups.com, "Bart" <pa3csx@a...> wrote:
> Hi,
>
> can anyone tell me how to get the new firmware as described on
> http://perso.wanadoo.fr/geip/NRD525.htm ?
>
> i send the man a couple of mails (qrv@w...) but i'm afraid he
> is not qrv on email (maybe he is on holiday or something?)
>
> thanks
>
> Bart

From my reading it appeared that even if you had the firmware code you would have to have the fascility to burn your own eprom which is not an easy task for those who have never done so or don't have the equipment needed. As the 525 is essentially a traditionally designed receiver firmware controls mostly the interface and not the reception capabilities... unlike the 545 which is largely a receiver based on firmware/DSP emultated circuitry.

I am sure some far more knowledgeable 525 enthusiests will respond to your question.

Regards,
Jerald

558. Re: firmware update nrd525

Yahoo group: nrd-525-535
Date: 2003-12-15 12:02:50 UTC
From: Bart
Topic: 556 Message: 558

--- In nrd-525-535@yahoogroups.com, "jeraldvolpe" <jervolpe@p...>
wrote:
> --- In nrd-525-535@yahoogroups.com, "Bart" <pa3csx@a...> wrote:
> > Hi,
> >
> > can anyone tell me how to get the new firmware as described on
> > http://perso.wanadoo.fr/geip/NRD525.htm ?
> >
> > i send the man a couple of mails (qrv@w...) but i'm afraid he
> > is not qrv on email (maybe he is on holiday or something?)
> >
> > thanks
> >
> > Bart
>
> From my reading it appeared that even if you had the firmware code
> you would have to have the fascility to burn your own eprom which
is
> not an easy task for those who have never done so or don't have
the
> equipment needed. As the 525 is essentially a traditionally
designed
> receiver firmware controls mostly the interface and not the
> reception capabilities... unlike the 545 which is largely a
receiver
> based on firmware/DSP emultated circuitry.
>
> I am sure some far more knowledgeable 525 enthusiests will respond
> to your question.
>
> Regards,
> Jerald

Jerald,

thanks for your response.
i have the stuff to burn a 2764, that's no problem.
The service-manuel and the skills are also available here ;-)
all i need is the file really!

i just got a response from Christophe B. from whom i can buy the
prom for 45.75 euro's if i translated his french response correctly.

i have to digest that offer for now.

cu

Bart

559. Re: firmware update nrd525

Yahoo group: nrd-525-535
Date: 2003-12-17 03:29:08 UTC
From: jervolpe@pacbell.net
Topic: 556 Message: 559

> i just got a response from Christophe B. from whom i can buy the
> prom for 45.75 euro's if i translated his french response
correctly.
>
>
> i have to digest that offer for now.
>
> cu
>
> Bart

Great that you got your reply. Someday I have to get my head around the conversion between euro's and usd. Also cool that you have your own facility to burn your own. I haven't had that kind of stuff for many years. I'm pretty pleased with my NRD-525 but I keep hoping for firmware updates for my RX-350 and NRD-545. Guess we always want more. :)

Regards,
Jerald

560. Re: 535Db Upgrades

Yahoo group: nrd-525-535
Date: 2003-12-22 13:27:32 UTC
From: Ari Kilponen
Topic: 538 Message: 560

So far, I am not convinced of the usefulness of Kiwa Ultimate Rejection Kit. Mostly because it reduces signal strength by one S unit (if I remember correct, it is -6 dB!). Probably Kiwa has not given any thought to the impedance matching of URK filter.

I may remove the URK filter from my 535 because of the signal reduction, but it needs further investigations.

--- In nrd-525-535@yahoogroups.com, "JIM FRANEY" <jim.franey@g...> wrote:
> Hi! I keep seeing this Kiwa Ultimate Rejection filter for the 535D advertised on e bay. Is this mod. worth putting on my 535Db or not? What are other mods that would upgrade the 535Db.? I am new to this radio (2 weeks) and like it a lot but if I can make it better Id like to. Thanks Jim F.
>
>
>
>
>
>
>
> -----Original Message-----
> From: sm4tug <hans@l...>
> To: nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com>
> Date: Sunday, November 16, 2003 4:00 AM
> Subject: [nrd-525-535] "New" NRD-525 received at last!
>
>
> Hi everyone!
>
> Received my NRD-525, shipped with DHL from Belgium, two days ago.
> The receiver was in good condition and hadn´t suffered any damage
> during the shipping. Yesterday, I spent some hours making a few
> modifications on the radio. Here´s the modifications I´ve done sofar:
>
> 1. The arrester diodes (CD1-CD4 on the HF-card CFL-205) has been
> replaced with a 1 mH RF-choke, coupled in parallell with a neon bulb.
>
> 2. The AGC-circuit has been modified "Dallas Lankford-style".
>
> 3. FL2 has been replaced with Kiwa´s NRD-525 Ultimate Rejection Kit.

>
> 4. FL3 has been replaced by a Murata CFK455I.
>
> 5. In the AUX filter slot I put a CFL-251 2.4 kHz crystal filter,
> which I bought from Lowe Electronics in UK for £15(!!).
>
> I´m still looking for a CFK-218A crystal filter to put in the
Narrow
> filter slot and also a CFJ455K5 to replace the Intermediate
filter
> (FL4). I spent some listening time both before and after making
the
> modifications, and I can tell that the difference is stunning!
Even
> the audio is pleasant!
>
>
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561. Looking for JRC NRD 535 To buy

Yahoo group: nrd-525-535
Date: 2003-12-22 22:09:10 UTC
From: Yiannis
Topic: 561 Message: 561

Hi friends

I just looking for JRC NRD 535 RECEIVER to buy,... any available?

Yiannis

Athens Greece

562. FW: 535Db Upgrades

Yahoo group: nrd-525-535
Date: 2003-12-23 15:21:50 UTC
From: Bill Carney
Topic: 562 Message: 562

For some reason this was sent to the nrd-525-535-owner account, and
Yahoo flagged it as spam. Weird.

-----Original Message-----
From: purmoboy [mailto:roland.sandberg@...]
Sent: Tuesday, December 23, 2003 7:19 AM
To: nrd-525-535-owner@yahoogroups.com
Subject: Re: 535Db Upgrades

Hi, folks
Ari, the input/output impedance of the original FL2 filter, the FL- B12
is 2kohms, which suits most filters including the Kiwa filter. That
filter seems to be the Murata 455HT-filter, also 2 kohms. The
attenuation of the original filter is 4dB and the HT-filter is 6
dB,but it seems to be a bigger difference when installed. Don´t know
why, perhaps someone could tell us why.
That I know that the more towards the front end the filter is
installed, the more it affects the total performence.
I haven´t done the change myself anthough I have a couple HT-filters
among my dozenwares. I´ve talked with some guys who say it isn´t
worth while as listening in quite locations isn´t as effective as
with the original filter. I can do believe that if the S-meter falls
one S-unit..In locations with strong signals and a lot of
interference the situation is completely different and the change
should be considered.
Perhaps with a smart relay switch-over system it could be possible to
have both, but when the space for installation is insignificant....
Anyhow,as said earlier, it needs more investigation.. Merry X-mas
Rollex

--- In nrd-525-535@yahoogroups.com, "Ari Kilponen"
<ari.kilponen@p...> wrote:
> So far, I am not convinced of the usefulness of Kiwa Ultimate
> Rejection Kit. Mostly because it reduces signal strength by one S
> unit (if I remember correct, it is -6 dB!). Probably Kiwa has not
> given any thought to the impedance matching of URK filter.
>
> I may remove the URK filter from my 535 because of the signal
> reduction, but it needs further investigations.

>
>
> --- In nrd-525-535@yahoogroups.com, "JIM FRANEY" <jim.franey@g...>
> wrote:
> > Hi! I keep seeing this Kiwa Ultimate Rejection filter for the
535D

> advertised on e bay. Is this mod. worth putting on my 535Db or not?
> What are other mods that would upgrade the 535Db.? I am new to this
> radio (2 weeks) and like it a lot but if I can make it better Id
like
> to. Thanks Jim F.
> >
> >
> >
> >
> >
> >
> >
> > -----Original Message-----
> > From: sm4tug <hans@l...>
> > To: nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com>
> > Date: Sunday, November 16, 2003 4:00 AM
> > Subject: [nrd-525-535] "New" NRD-525 received at last!
> >
> >
> > Hi everyone!
> >
> > Received my NRD-525, shipped with DHL from Belgium, two days
ago.
> > The receiver was in good condition and hadn´t suffered any
damage
> > during the shipping. Yesterday, I spent some hours making a few
> > modifications on the radio. Here´s the modifications I´ve done
> sofar:
> >
> > 1. The arrester diodes (CD1-CD4 on the HF-card CFL-205) has
been
> > replaced with a 1 mH RF-choke, coupled in parallell with a neon
> bulb.
> >
> > 2. The AGC-circuit has been modified "Dallas Lankford-style".
> >
> > 3. FL2 has been replaced with Kiwa´s NRD-525 Ultimate Rejection
> Kit.
> >
> > 4. FL3 has been replaced by a Murata CFK455I.
> >
> > 5. In the AUX filter slot I put a CFL-251 2.4 kHz crystal
filter,
> > which I bought from Lowe Electronics in UK for £15(!!).
> >
> > I´m still looking for a CFK-218A crystal filter to put in the
> Narrow
> > filter slot and also a CFJ455K5 to replace the Intermediate
> filter
> > (FL4). I spent some listening time both before and after making

> the
> > modifications, and I can tell that the difference is stunning!
> Even
> > the audio is pleasant!
> >
> >
> >
> > Yahoo! Groups Sponsor
> > ADVERTISEMENT
> >
> >
> >
> >
> > To unsubscribe from this group, send an email to:
> > nrd-525-535-unsubscribe@yahoogroups.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.

564. RE: [nrd-525-535] Unsubscribe

Yahoo group: nrd-525-535
Date: 2003-12-27 21:08:56 UTC
From: Al Bolton
Topic: 563 Message: 564

"To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com"

Al Bolton, G4VSQ
http://www.reading-city.net/Vintage_Radios

-----Original Message-----
From: Lenora [mailto:mgaluvr@...]
Sent: Saturday, December 27, 2003 3:55 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Unsubscribe

unsubscribe

To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

565. cmh-532 pcb

Yahoo group: nrd-525-535
Date: 2003-12-28 03:46:15 UTC
From: cas08832
Topic: 565 Message: 565

does any one know where i can find a cmh-532 pcb for computer interface with a nrd-525 receiver? i know this receiver is old, but i have used it for many years and would like to run it via my computer now. would appreciate any help i can receive in finding one. regards, john

566. NRD-525 for sale.

Yahoo group: nrd-525-535
Date: 2003-12-28 06:06:30 UTC
From: jeraldvolpe
Topic: 566 Message: 566

Well I finally ran out of desk space. Knew it was gonna happen. Anyway, with a new NRD-545 and a Ten-Tec RX-350 I really don't need to hang onto the 525. I'll be placing my 525 on eBay tomorrow but thought I'd mention it hear too.

NRD-525. Circa about 1986.

Electrically great. Fully functional in all ways! Controls are smooth and clean... no scratchiness. Display perfect.

Physically... Nice but not mint (previous owner was not good to it so I had no choice but to strip down the metal cabinet and repaint [spray and bake}. Front panel is an 8.5. (has a couple tiny rub marks near headphone jack. Numeric keypad shows a little wear but works fine. All Knobs perfect. Fantastically smooth main tuning knob. Display is perfect.

Original owners manual plus copy of service manual.

Installed options: Computer interface; 1.5kHz crystal filter; RTTY interface. New printer interface cable. (no serial cable).

Mods: Kiwa's ultimate rejection filter. Kiwa's AGC mod.

I am not going to take options out so please don't ask. Only selling to someone in 48 US states. If you are interested send me an email. (wolfears at tomorrowsweb dot com).

Jerald

567. Tuning blips on JRC525

Yahoo group: nrd-525-535
Date: 2003-12-28 14:22:53 UTC
From: Raj
Topic: 567 Message: 567

Does anyone know how to reduce or eliminate the blip or click sound heard on JRC525's when tuning through a carrier between xx.xxx.50 and xx.xxx.51 KHz (PBS centered). You will not easliy notice this on AM and SSB signals. This is where the PLL stepping up/down 1KHz. Both my JRC525's have this. I would expect that this is PLL loop settling down..

Any ideas or solutions?

Regards
--
Raj VU2ZAP
Bangalore, South India.

569. Infrared Remote Control for NRD-535

Yahoo group: nrd-525-535
Date: 2003-12-28 16:58:20 UTC
From: dlandonswl
Topic: 569 Message: 569

Hello All,

We at swl-remotes.com have developed an infrared remote control for the NRD-535. You can now control your NRD-535 receiver from your easy chair using a Universal Remote.

Our approach was to include the most comprehensive control of the NRD-535s features and put that control into the hands of the shortwave listener using a commonly available Universal TV Remote control. Our design is based on a 20MHz microcontroller to insure that the control is fast. We wanted our design to permit reliable and robust control of the radio that could be used in an intuitive fashion without confusion. Our efforts were put into making the control comprehensive and user friendly. If the remote were not easy to use, it wouldn't be used. We also provide an LED that gives feedback so you can tell what the unit is doing.

The SWL IR Remote control features direct frequency entry to 1Hz, control of modes, filters, BWC, and PBS analog controls. Tuning steps are in 1HZ, 10Hz, 100Hz, 1kHz, 5kHz, 10kHz, 100kHz, and 1MHz. One of our best features is how simple it is to select a tuning step and then control the radio with the CH +/-. Press one digit (for example 5 for 5 kHz steps) and then CH+/- and you are using 5 kHz steps. The tuning step stays until you change it again. The up and down frequency pacing is a parameter setting so you can speed it up or slow it down to your liking.

Of course you can select memories directly, move up and down through the memories, and switch between VFO and memory modes. You can also write the VFO to a memory channel.

Check it out for yourself at our website:

http://www.swl-remotes.com

Go to the Order Online page to place an order for the NRD-535 version of the SWL IR Remote. The units will begin shipping in early January.

Dan
Swl-remotes.com

570. Re: [nrd-525-535] Tuning blips on JRC525

Yahoo group: nrd-525-535
Date: 2003-12-28 23:49:55 UTC
From: John Reed
Topic: 567 Message: 570

----- Original Message -----
From: Raj
To: nrd-525-535@yahoogroups.com
Sent: Sunday, December 28, 2003 8:22 AM
Subject: [nrd-525-535] Tuning blips on JRC525

The NRD-525's synthesizer works with two loops. The first loop tunes in 1 KHz increments, and the second tunes in 10 Hz increments. What you're hearing is the first loop go to the next 1 KHz segment. You will hear this on any NRD-525. You might be able to reduce the noise by making the loop filter less tight, but there is always a trade off between loop filters and phase noise. By reducing the loop filter's action, you will increase the phase noise. I wouldn't recommend doing this.

John Reed, KA5QEP

Does anyone know how to reduce or eliminate the blip or click sound heard
on JRC525's when tuning through a carrier between xx.xxx.50 and xx.xxx.51
KHz (PBS centered). You will not easliy notice this on AM and SSB signals.
This is where the PLL stepping up/down 1KHz. Both my JRC525's have this. I
would expect that this is PLL loop settling down..

Any ideas or solutions?

Regards
--
Raj VU2ZAP
Bangalore, South India.

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571. Re: [nrd-525-535] cmh-532 pcb

Yahoo group: nrd-525-535
Date: 2004-01-02 10:14:12 UTC
From: QRV
Topic: 565 Message: 571

It's possible to create a RS-232 card with 8251, MAX232 and a PIC circuit...
May be I will make this card for the end of 2004 year...

BONNE ANNEE 2004 !

Christophe B.
http://perso.wanadoo.fr/geip/NRD525.htm

----- Original Message -----
From: "cas08832" <johnstanko@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, December 28, 2003 4:46 AM
Subject: [nrd-525-535] cmh-532 pcb

> does any one know where i can find a cmh-532 pcb for computer
> interface with a nrd-525 receiver? i know this receiver is old, but i
have
> used it for many years and would like to run it via my computer now.
> would appreciate any help i can receive in finding one. regards, john
>
>
> To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
>
>
>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/nrd-525-535/
>
> To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to:
> http://docs.yahoo.com/info/terms/
>
>

572. Re: [nrd-525-535] cmh-532 pcb

Yahoo group: nrd-525-535
Date: 2004-01-02 17:53:20 UTC
From: axel.lehmann@t-online.de
Topic: 565 Message: 572

Hello,

I searched for this RS-232 card for nearly a year - then I decided to build my own. Here is, what I did.

I took the schematic of the original card (you find it in the files section) and removed everything not needed. The original design has a true isolation of the I/O lines (many opto couplers and a DC/DC converter). All this was replaced by one LT1181 chip. A MAX232 will do too, but the LT1181 was at hand and uses smaller Cs. The most serious problem presented IC7, TC9122. This chip is obsolete. I replaced it with a PAL, programmed as a divider by 96. Any divider by 96 will do the job. This gives you 1200 Bd. The only disadvantage: you cannot switch to 300 Bd. I don't miss this feature.

The circuit was built on an experimental board using enamel wire (german: Faedeltechnik). The board works nicely since several months.

Kind regards - Axel, DG3AL

573. Re: cmh-532 pcb

Yahoo group: nrd-525-535
Date: 2004-01-02 18:14:34 UTC
From: Alberto di Bene
Topic: 565 Message: 573

"QRV" <QRV@...> wrote:

>It's possible to create a RS-232 card with 8251, MAX232 and a PIC circuit...
>May be I will make this card for the end of 2004 year...
>
>
>
Well, if you make it in kit form, and price it reasonably, I am sure you
will find a few
takers, me included.

Happy New Year

Alberto I2PHD

574. Setup menu NRD-535

Yahoo group: nrd-525-535
Date: 2004-01-03 23:36:25 UTC
From: omerobert
Topic: 574 Message: 574

Hello,

I have an NRD-545 and a NRD-535G for a while. But i don`t have the manual for the NRD-535. I`ve heard you can adjust some settings in the setup menu. But how can i enter this menu???

With the 545 you press FUNC+ENT.. This won`t work for the 535.

Thanks and sorry for the bad english.

Robert
Rotterdam, The Netherlands
shortwave_listener@...

575. Re: [nrd-525-535] Setup menu NRD-535

Yahoo group: nrd-525-535
Date: 2004-01-04 02:21:38 UTC
From: Brian Denley
Topic: 574 Message: 575

omerobert wrote:
> Hello,
>
> I have an NRD-545 and a NRD-535G for a while. But i don`t have the
> manual for the NRD-535. I`ve heard you can adjust some settings in
> the setup menu. But how can i enter this menu???
>
> With the 545 you press FUNC+ENT.. This won`t work for the 535.
>
> Thanks and sorry for the bad english.
>
>
>
> Robert
> Rotterdam, The Netherlands
> shortwave_listener@...

omerobert:
The 535 doesn't have a setup menu but does have User Definitions that can be accessed and set. Is that what you want? if so, I will scan those manual pages and send them to you.

Brian Denley
http://home.comcast.net/~b.denley/index.html

576. Re: [nrd-525-535] Setup menu NRD-535

Yahoo group: nrd-525-535
Date: 2004-01-04 11:08:09 UTC
From: Robert
Topic: 574 Message: 576

Hello Brian,

setup menu or user definitions.. In Holland that`s the same. But i want to know which button combination i have to use to get "in" the User Definitions. But if you can (and will) scan that piece of the manual, please!

Thank you for your help and reaction.

Robert
Rotterdam, The Netherlands
Shortwave_listener@...

----- Original Message -----
From: Brian Denley
To: nrd-525-535@yahoogroups.com
Sent: Sunday, January 04, 2004 3:21 AM
Subject: Re: [nrd-525-535] Setup menu NRD-535

omerobert wrote:
> Hello,
>
> I have an NRD-545 and a NRD-535G for a while. But i don`t have the
> manual for the NRD-535. I`ve heard you can adjust some settings in
> the setup menu. But how can i enter this menu???
>
> With the 545 you press FUNC+ENT.. This won`t work for the 535.
>
> Thanks and sorry for the bad english.
>
>
>
> Robert
> Rotterdam, The Netherlands
> shortwave_listener@...

omerobert:
The 535 doesn't have a setup menu but does have User Definitions that can be accessed and set. Is that what you want? if so, I will scan those manual pages and send them to you.

Brian Denley
http://home.comcast.net/~b.denley/index.html

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nrd-525-535-unsubscribe@yahoogroups.com

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577. NRD-525 vs Drake R8?

Yahoo group: nrd-525-535
Date: 2004-01-04 14:19:26 UTC
From: Michael OBrien
Topic: 577 Message: 577

Hi All

What are the general impressions of the NRD-525 vs. the original Drake R8 (I am an old Drake fan this is my first JRC receiver) I like the tuning and build quality of the JRC but the audio and feature list of the Drake (STD filters etc).

Thanks
Mike

578. Re: [nrd-525-535] NRD-525 vs Drake R8?

Yahoo group: nrd-525-535
Date: 2004-01-04 15:41:35 UTC
From: llgpt@aol.com
Topic: 577 Message: 578

Good morning Mike and group,

Well having owned all the Drake R8 series and The JRC NRD's from the 515 to the 535, here is my take.....

I like the build quality of the JRC receivers and the feel etc. The Drakes have better audio, better stock filters, better synchronous detector. Having said that, I prefer my NRD-525 over the R8B that I sold. The R8B has a cheap mechanical encoder, I was having problems with mine, I opened it up and cleaned it and relubricated it and it seemed to be fine, then I sold it.

I have owned 3 NRD-525's and 2 NRD-535's. I prefer the 525 and here is why:

The 525 has less display noise, it has a tcxo built in, the 535 doesn't. The 525 is a quieter receiver, not by much, but quieter. I have owned a stock 525 which was purchased new in 1988, it had the typical Japanese and JRC problems, poor audio and agc action on am was terrible. I sold it soon after purchasing it. I then came across a 525 with the Eskab/Edvis modifications, what a difference! The agc problems were gone, the audio was good and it was a joy to use. Shortly after that, I obtained a 535 (plain) without ecss or bandwidth control. Just about that time, Kiwa started offering modifications. I realized that JRC had not corrected any of the audio or agc problems with the 535 model, so off to Kiwa it went. All the modifications were performed and I had two premium filter modules installed also. What an amazing difference it made. Craig Siegenthaler also installed a 455 if output on it so I could use a Kiwa Map or Sherwood SE-3 with it. I soon traded the 525 with the Eskab/Edvis mods to a good friend in Louisiana. Shortly after that, I traded the 535 for a AOR 7030 with all the Kiwa mods. After more trading, and selling of various receivers, I happened across a stock NRD-535DB. Off to Kiwa it went, good receiver and I enjoyed it. While using that, I obtained my present 525, sent that to Kiwa for all the mods and a 455 if output. Comparing the two, I sold the 535.

The present 525 has the following filters, 8.2, 6.0, 3.8 and 2.1. All the Kiwa modifications and a 455 if output. I use it with a Sherwood SE-3 MK lll Deluxe. The audio has to be heard to be believed. During this time frame, I owned the R8, R8A and R8B. The R8B was the best of the R8 series. The only reason for selling was the encoder and the overall "feel" of the receiver. The tuning knob is not befitting a receiver of that caliber. Having been able to use a NRD-545 for a two week period, I wouldn't waste the money unless I was chasing utilities. Tey (JRC) still haven't got it figured out on am audio and agc. Imagine spending Approximately $1,800.00 for a 545 and not having the controls over the agc on am like you do on ssb. Poor planning and engineering imho.

Well, that's enough, that was my 2 cents worth, I'll get off my soap box and leave comments to everyone else.

Les Locklear
Monitoring from The Gulf of Mexico
Hammarlund R-274C/FRR (SP-600JX-14)
JRC NRD-525 (Kiwa Modified)
Kiwa Map Unit
Sherwood SE-3 MK3
Alpha Delta Sloper
Various Longwires
Monitoring since '57

In a message dated 1/4/2004 8:19:55 AM Central Standard Time,
mikobrien@... writes:
Hi All

What are the general impressions of the NRD-525 vs. the original
Drake R8 (I am an old Drake fan this is my first JRC receiver) I
like the tuning and build quality of the JRC but the audio and
feature list of the Drake (STD filters etc).

Thanks
Mike

579. Re: [nrd-525-535] Setup menu NRD-535

Yahoo group: nrd-525-535
Date: 2004-01-04 15:55:00 UTC
From: Fabrizio Magrone
Topic: 574 Message: 579

Hello Robert,

>But i want to know which button combination i have to use to get "in" the
>User Definitions.

it's MEMO - FUNCTION - ENT/kHz. Then you use the tuning knob to move among
the different parameters, ENT/kHz to select and modify them, CLR to exit
(but the RX exits automatically after a few seconds of inactivity).

73

Fabrizio

580. Re: [nrd-525-535] Setup menu NRD-535

Yahoo group: nrd-525-535
Date: 2004-01-04 16:27:45 UTC
From: llgpt@aol.com
Topic: 574 Message: 580

Go to this website, it will tell you all you need to know.

http://www.ticon.net/~n9ewo/nrdcharts.html

Les

In a message dated 1/4/2004 9:56:31 AM Central Standard Time,
fabrizio.magrone@... writes:
Hello Robert,

>But i want to know which button combination i have to use to get "in" the
>User Definitions.

it's MEMO - FUNCTION - ENT/kHz. Then you use the tuning knob to move among
the different parameters, ENT/kHz to select and modify them, CLR to exit
(but the RX exits automatically after a few seconds of inactivity).

73

Fabrizio

581. Re: [nrd-525-535] NRD-525 vs Drake R8?

Yahoo group: nrd-525-535
Date: 2004-01-04 18:28:12 UTC
From: Mika Makelainen
Topic: 577 Message: 581

Michael OBrien wrote:

>What are the general impressions of the NRD-525 vs. the original
>Drake R8 (I am an old Drake fan this is my first JRC receiver)
>
Although not a direct comparison, there is a lot of discussion on Drake
R8B and all the NRD models in the DXing.info Community forum on
receivers at http://www.dxing.info/community/viewforum.php?f=16

73
Mika M?kel?inen
http://www.DXing.info

582. S meter level on nrd-525

Yahoo group: nrd-525-535
Date: 2004-01-05 22:45:08 UTC
From: Michael OBrien
Topic: 582 Message: 582

Hi all

I have 3 digital receivers I use in my swl shack (some boat anchors also)

Drake R8
JRC nrd-525 sn 46934
Icom R75

The Drake and Icom read about the same on the same on the s meter but the JRC reads much lower but with good audio Is this a problem with the 525

Mike

583. Re: [nrd-525-535] S meter level on nrd-525

Yahoo group: nrd-525-535
Date: 2004-01-05 22:49:12 UTC
From: Brian Denley
Topic: 582 Message: 583

Michael OBrien wrote:
> Hi all
>
> I have 3 digital receivers I use in my swl shack (some boat anchors
> also)

> The Drake and Icom read about the same on the same on the s meter
> but the JRC reads much lower but with good audio Is this a problem
> with the 525
>
> Mike
>

Michael:
It is literally impossible to compare s-meter readings between receivers. Some are very generous and some are not. Most s-meters are not well calibrated. A better test would be to listen to a very weak signal on all three receivers.

Brian Denley
http://home.comcast.net/~b.denley/index.html

584. SV: [nrd-525-535] S meter level on nrd-525

Yahoo group: nrd-525-535
Date: 2004-01-05 22:59:49 UTC
From: Bjarne Mjelde
Topic: 582 Message: 584

That said however, my experience is that my 525's have a "conservative",
i.e. lower readout than my other receivers, AR7030 and NRD-545. There need
not be anything wrong with your receiver.

Bjarne Mjelde
Berlevag, Arctic Norway
-----Opprinnelig melding-----
Fra: Brian Denley [mailto:b.denley@...]
Sendt: 5. januar 2004 22:49
Til: nrd-525-535@yahoogroups.com
Emne: Re: [nrd-525-535] S meter level on nrd-525

Michael OBrien wrote:
> Hi all
>
> I have 3 digital receivers I use in my swl shack (some boat anchors
> also)

> The Drake and Icom read about the same on the same on the s meter
> but the JRC reads much lower but with good audio Is this a problem
> with the 525
>
> Mike
>

Michael:
It is literally impossible to compare s-meter readings between receivers.
Some are very generous and some are not. Most s-meters are not well
calibrated. A better test would be to listen to a very weak signal on all
three receivers.

Brian Denley
http://home.comcast.net/~b.denley/index.html

--
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b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

585. Re: [nrd-525-535] S meter level on nrd-525

Yahoo group: nrd-525-535
Date: 2004-01-06 00:16:42 UTC
From: llgpt@aol.com
Topic: 582 Message: 585

Every 525 I've seen has a "scotch" s-meter.

Les

In a message dated 1/5/2004 5:13:03 PM Central Standard Time,
mikobrien@... writes:
Hi all

I have 3 digital receivers I use in my swl shack (some boat anchors
also)

Drake R8
JRC nrd-525 sn 46934
Icom R75

The Drake and Icom read about the same on the same on the s meter
but the JRC reads much lower but with good audio Is this a problem
with the 525

Mike

586. nrd-525microprosessor NEC UPD8749HD problem

Yahoo group: nrd-525-535
Date: 2004-01-12 14:56:57 UTC
From: Seppo Lindberg
Topic: 586 Message: 586

Dear groupmembers,
I have an unfunctional NRD-525 with agc-modifications and Yaesu 2,6 KHz,Collins 4,0 KHz and 2,0 KHz filters,but haven?t got a chance to try it because the microprosessor in the front board is not working.The faulty chip has been substituted with a DIL-adaptor.I can get the NEC UPD8749HD from a electronics dealer,but its unprogrammed.It is possible to take a working microprosessor out from some other radio and "suck" the program from it and transfer it to a new chip.Other possibility would be a otherwise brokendown radio with a working microprosessor.Do any of You own any such parts or could help me in some other way? I?m willing to pay fo spare-parts if this will get my radio working.

Seppo Lindberg
oh2hnl

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes

587. Site NRD525

Yahoo group: nrd-525-535
Date: 2004-01-17 17:18:15 UTC
From: christophe525
Topic: 348 Message: 587

Mise à jour 17 Janvier 2004 du site
http://perso.wanadoo.fr/geip/NRD525.htm

588. NRD 626...To be or Not to be???

Yahoo group: nrd-525-535
Date: 2004-01-20 21:16:17 UTC
From: aidehua@aol.com
Topic: 588 Message: 588

I currently own a 535D and a 545....i just love the build quality of these...I also have an opportunity to buy a 525...Would this purchase just be a waste, given that I already own two superior JRC receivers??? Opinions wanted...

Thanks,
Ed NI6S

589. Re: [nrd-525-535] NRD 626...To be or Not to be???

Yahoo group: nrd-525-535
Date: 2004-01-20 21:28:51 UTC
From: Management Group Of Coronado
Topic: 588 Message: 589

Yes, in my opinion, Ed. Owning both a 525 and 535D (both w/Sherwood SE-3), I find I seldom ever use the former, even though their filter components are slightly different for HF SWL'ing. The 525 is being used for mostly digital modes reception. Gus (KG6QHC).

aidehua@... wrote:I currently own a 535D and a 545....i just love the build quality of these...I also have an opportunity to buy a 525...Would this purchase just be a waste, given that I already own two superior JRC receivers??? Opinions wanted...

Thanks,
Ed NI6S

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

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590. SV: [nrd-525-535] NRD 626...To be or Not to be???

Yahoo group: nrd-525-535
Date: 2004-01-20 21:53:30 UTC
From: Bjarne Mjelde
Topic: 588 Message: 590

The NRD-525 is a receiver with excellent sensitivity and it is extremely stable. My advice is to find a late-serial no radio, say > 48,000. Find a suitable filter to put in the AUX position since the stock filters (2.4 and 6.0) are often too sharp or too wide. Kiwa's PFM's would do fine. I own two 525's and one 545.

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway
-----Opprinnelig melding-----
Fra: aidehua@... [mailto:aidehua@...]
Sendt: 20. januar 2004 21:16
Til: nrd-525-535@yahoogroups.com
Emne: [nrd-525-535] NRD 626...To be or Not to be???

I currently own a 535D and a 545....i just love the build quality of these...I also have an opportunity to buy a 525...Would this purchase just be a waste, given that I already own two superior JRC receivers??? Opinions wanted...

Thanks,
Ed NI6S

--
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

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591. Re: [nrd-525-535] NRD 626...To be or Not to be???

Yahoo group: nrd-525-535
Date: 2004-01-21 01:34:01 UTC
From: llgpt@aol.com
Topic: 588 Message: 591

In a message dated 1/20/2004 7:16:40 PM Central Standard Time,
aidehua@... writes:
I currently own a 535D and a 545....i just love the build quality of
these...I also have an opportunity to buy a 525...Would this purchase just be a waste,
given that I already own two superior JRC receivers??? Opinions wanted...

Thanks,
Ed NI6S
Hi Ed,

I have owned the 525 (3 of them) and two 535's and had the use of a 545 for
awhile.

I prefer the 525 to the 535 because the tcxo is built in on the 525, the
display is quieter and the synthesizer is quieter also. I would only own a Kiwa
Modified NRD series receiver though. The stock 525 and 535 have a horrible slow
agc and the front end isn't too good.

The 545 is superb if you chase utilities, but for program listening, the 525
and a sherwood se-3 is hard to beat.

Les Locklear
Monitoring from The Gulf of Mexico
Ten Tec RX-350D
JRC NRD-525 (Kiwa Modified)
Sherwood SE-3 MK3
Alpha Delta Sloper
Various Longwires
Monitoring since '57

592. Infrared Remote Control for NRD-535

Yahoo group: nrd-525-535
Date: 2004-01-24 01:19:30 UTC
From: dlandonswl
Topic: 569 Message: 592

Hello All,

Our Infrared Remote for the NRD-535 is now shipping.

Use a standard TV Universal Remote to control your NRD-535 receiver.

The SWL IR Remote control features direct frequency entry to 1Hz, control of modes, filters, BWC, and PBS analog controls. Tuning steps are in 1HZ, 10Hz, 100Hz, 1kHz, 5kHz, 9kHz, 10kHz, 100kHz, and 1MHz. One of our best features is how simple it is to select a tuning step and then control the radio with the CH +/-. Press one digit (for example 5 for 5 kHz steps) and then CH+/- and you are using 5 kHz steps. The tuning step stays until you change it again. The up and down frequency pacing is a parameter setting so you can speed it up or slow it down to your liking.

Of course you can select memories directly, move up and down through the memories, and switch between VFO and memory modes. You can also write the VFO to a memory channel.

Check it out for yourself at our website:

http://www.swl-remotes.com

Go to the Order Online page to place an order for the NRD-535 version of the SWL IR Remote.

Dan
Swl-remotes.com

593. For Sale: JRC NRD-525 & Sherwood SE-3 MKIII Deluxe

Yahoo group: nrd-525-535
Date: 2004-01-26 00:00:54 UTC
From: llgpt@aol.com
Topic: 593 Message: 593

JRC NRD-525 with "ALL" the Kiwa Electronics modifications. It has the following filters 8.2, 5.7, 3.8 (Kiwa Premium Filter Module) and 2.2 khz.

It has a 455 if output for the Sherwood SE-3 MKIII Deluxe Synchronous Detector.

It has the original manual, IBS White Paper, and various reviews. The Sherwood has the original manual and various reviews and the power supply.

Documentation on the Kiwa modifications is included. The Kiwa modifications can be seen here http://www.kiwa.com/NRD525.html

The receiver has very low hours, it was stored for several years and upon removal from storage, a new lithium battery was installed (less than a year ago) it has a slight mar on the front top right corner , the paint is slightly rubbed off, no chips or scratches.

The Sherwood is in excellent condition.

Sold as a package only, $1,000.00 plus shipping. No sales outside of U.S.

Reason for selling is I am about to retire and have thinned my collection over a period of time.

I am offering it to the NRD group before offering it on the newsgroups if necessary.

Les Locklear
Gulfport, Ms.

594. NRD-525 close-in dynamic range

Yahoo group: nrd-525-535
Date: 2004-01-27 15:58:04 UTC
From: John Reed
Topic: 594 Message: 594

Recently I became interested in improving the close-in dynamic range of this receiver. I already had installed the ESKA 70.455 MHz first IF filter. Looking at the spectrum of this filter with my spectrum analyzer, it was running 10 KHz at -6 dB and 80 KHz at -60 dB. The standard filter runs 20 KHz at -6 dB and 80 KHz at -60 dB. What was clearly needed here were more poles in the filter.

As it turns out, there is another filter available from Puehler Electronics in Germany. This filter has 6 poles, a bandwidth of 5.5 KHz at -6 dB and bandwidth of 10 KHz at -60 dB. Peter fixed me up with this filter, and the results are outstanding. I measured the close-in dynamic range at 4 KHz separation and it was 85 dB. This compares to the standard receiver close-in range of 72 dB. Dynamic range at 20 KHz separation remains 90-92 dB, as on the standard receiver. This close in dynamic range compares to the best receivers reviewed on the Sherwood Engineering web page:

http://www.sherweng.com/table.html

Now, you might think that this lab test doesn't mean much in the real world. I have a 5000 watt broadcasting station about 1/2 mile from my home on 1450 KHz. There is a weak broadcast station on 1460 KHz. The modified receiver can bring up this weak station in the presence of this huge signal 10 KHz away with no problem. The standard receiver can't get a hint of it. The only other receiver that I have that comes close, but doesn't nearly match it is a Racal RA6793A. A Harris RF-590 doesn't even come close.

Recently someone mentioned Peter Puehler's mods were expensive and probably not worth the money. I'm here to tell you that this mod definitely works and is worth it if you need top performance. Peter had this filter built to his specs and it was expensive for him to do that.

John Reed, KA5QEP

595. How to cancel RF noise at 535 DG

Yahoo group: nrd-525-535
Date: 2004-01-28 04:18:18 UTC
From: aera
Topic: 595 Message: 595

Hello Friends,

first at all please excuse my bad English :) I want to talk about the RF Noise on the 535 DG... On my Receiver the RF noise is very high and audibly on all bandwidths except the empty AUX position. Im not very happy with this situation since i hear usually through headphones and lower bandwidths.

I have read several opionions which say that this RF Noise is normal for this type of JRC Receivers and that there are some modifications to solve this (KIWA Mod, Puehler Mod ...)

-> Kiwa replace some capacitors (ECSS board, the IF Board and Amplifier)
-> Puehler use a RF Filter

I don't believe that this mods are the right solution for this kind of problem ...may be that the Kiwa Mod will offer a better Sound Quality.

I don't believe because there is a cheat on my NRD to kill the RF Noise completely without a RF Filter or the replacement of capacitors!

The cheat:
(works only with the "inter" and "wide" Bandwidths)

I save the desired frequency (with or without special settings such as ECSS) on place 0 and press FUNCTION -> SCAN (The Receiver goes to the saved Frequency at memory place 0) -> SCAN (The Receiver goes to the last possible memory place (199) which is !empty! without change the frequency called from memory place 0)

The Result:

The RF Noise is killed and a clear sound free of such kind noise is audible. At this time some features e.g. BWC, PBS are out of order and not usable. If you change e.g. the bandwidth the RF noise is coming again.

What do you think about this???? May be that this cheat will show a way to solve the RF noise on the NRD 535 DG...

With best wishes
aera

596. Re: NRD-525 close-in dynamic range

Yahoo group: nrd-525-535
Date: 2004-01-28 04:23:45 UTC
From: aera
Topic: 594 Message: 596

Hello John,

i want to ask you which price you have paid for this filter? And if
it is easy to replce the built in cofiguration with the pueler filter.

597. Re: [nrd-525-535] Digest Number 254

Yahoo group: nrd-525-535
Date: 2004-01-28 05:42:55 UTC
From: Daniel A. Robinson
Topic: 597 Message: 597

John -- I'm interested in the mod you describe.
Are you talking about merely a filter available
from Puehler and it having this effect without the
IF mod, or can we expect improvement with the filter
alone?

Thanks

----- Original Message -----
From: nrd-525-535@yahoogroups.com
Date: Tuesday, January 27, 2004 7:28 pm
Subject: [nrd-525-535] Digest Number 254

> As it turns out, there is another filter available
from Puehler
> Electronicsin Germany. This filter has 6 poles, a
bandwidth of 5.5
> KHz at -6 dB and
> bandwidth of 10 KHz at -60 dB. Peter fixed me up
with this filter,
> and the
> results are outstanding. I measured the close-in
dynamic range at
> 4 KHz
> separation and it was 85 dB. This compares to the
standard receiver
> close-in range of 72 dB. Dynamic range at 20 KHz
separation
> remains 90-92
> dB, as on the standard receiver. This close in
dynamic range
> compares to
> the best receivers reviewed on the Sherwood
Engineering web page:
>
> http://www.sherweng.com/table.html
>
> Now, you might think that this lab test doesn't
mean much in the
> real world.
> I have a 5000 watt broadcasting station about 1/2
mile from my home
> on 1450
> KHz. There is a weak broadcast station on 1460
KHz. The modified
> receivercan bring up this weak station in the

presence of this huge
> signal 10 KHz
> away with no problem. The standard receiver can't
get a hint of
> it. The
> only other receiver that I have that comes close,
but doesn't
> nearly match
> it is a Racal RA6793A. A Harris RF-590 doesn't
even come close.
>
> Recently someone mentioned Peter Puehler's mods
were expensive and
> probablynot worth the money. I'm here to tell you
that this mod
> definitely works
> and is worth it if you need top performance.
Peter had this filter
> built to
> his specs and it was expensive for him to do that.
>
> John Reed, KA5QEP
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598. Re: [nrd-525-535] Digest Number 254

Yahoo group: nrd-525-535
Date: 2004-01-28 15:04:04 UTC
From: John Reed
Topic: 597 Message: 598

----- Original Message -----
From: Daniel A. Robinson
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, January 27, 2004 11:42 PM
Subject: Re: [nrd-525-535] Digest Number 254

Hi Dan,

The numbers I gave in the posting are for the 70.455 MHz filter alone, no other changes. The original 70.455 MHz components are removed (T1, T2, T3 and FL1) and the special filter is put in place of these components.

John

John -- I'm interested in the mod you describe.
Are you talking about merely a filter available
from Puehler and it having this effect without the
IF mod, or can we expect improvement with the filter
alone?

Thanks

----- Original Message -----
From: nrd-525-535@yahoogroups.com
Date: Tuesday, January 27, 2004 7:28 pm
Subject: [nrd-525-535] Digest Number 254

> As it turns out, there is another filter available
from Puehler
> Electronicsin Germany. This filter has 6 poles, a
bandwidth of 5.5
> KHz at -6 dB and
> bandwidth of 10 KHz at -60 dB. Peter fixed me up
with this filter,
> and the
> results are outstanding. I measured the close-in
dynamic range at
> 4 KHz
> separation and it was 85 dB. This compares to the
standard receiver
> close-in range of 72 dB. Dynamic range at 20 KHz
separation
> remains 90-92
> dB, as on the standard receiver. This close in
dynamic range
> compares to
> the best receivers reviewed on the Sherwood

Engineering web page:
>
> http://www.sherweng.com/table.html
>
> Now, you might think that this lab test doesn't
mean much in the
> real world.
> I have a 5000 watt broadcasting station about 1/2
mile from my home
> on 1450
> KHz. There is a weak broadcast station on 1460
KHz. The modified
> receivercan bring up this weak station in the
presence of this huge
> signal 10 KHz
> away with no problem. The standard receiver can't
get a hint of
> it. The
> only other receiver that I have that comes close,
but doesn't
> nearly match
> it is a Racal RA6793A. A Harris RF-590 doesn't
even come close.
>
> Recently someone mentioned Peter Puehler's mods
were expensive and
> probablynot worth the money. I'm here to tell you
that this mod
> definitely works
> and is worth it if you need top performance.
Peter had this filter
> built to
> his specs and it was expensive for him to do that.
>
> John Reed, KA5QEP
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599. Re: [nrd-525-535] Re: NRD-525 close-in dynamic range

Yahoo group: nrd-525-535
Date: 2004-01-28 15:05:55 UTC
From: John Reed
Topic: 594 Message: 599

----- Original Message -----
From: aera
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, January 27, 2004 10:23 PM
Subject: [nrd-525-535] Re: NRD-525 close-in dynamic range

Peter or I do the installation of this filter. This is to make sure that everything is done correctly and a complete alignment is carried out afterwards.

John

Hello John,

i want to ask you which price you have paid for this filter? And if
it is easy to replce the built in cofiguration with the pueler filter.

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600. Looking for a NRD-525 owner

Yahoo group: nrd-525-535
Date: 2004-01-28 17:48:58 UTC
From: Alberto di Bene
Topic: 600 Message: 600

Is this gentleman reading this group ?

Hans Ostnell,
Kristinehamn - Sweden

If yes, could you please contact me ?

Does anybody have any recent info about him ?

Many thanks and sorry for the OT.

Alberto, I2PHD
---

601. Re: For Sale: JRC NRD-525 & Sherwood SE-3 MKIII Deluxe

Yahoo group: nrd-525-535
Date: 2004-01-28 23:35:56 UTC
From: tubecrusher
Topic: 593 Message: 601

--- In nrd-525-535@yahoogroups.com, llgpt@a... wrote:
> JRC NRD-525 with "ALL" the Kiwa Electronics modifications. It has
the
> following filters 8.2, 5.7, 3.8 (Kiwa Premium Filter Module) and
2.2 khz.
>
> It has a 455 if output for the Sherwood SE-3 MKIII Deluxe
Synchronous
> Detector.
>
> It has the original manual, IBS White Paper, and various reviews.
The
> Sherwood has the original manual and various reviews and the power
supply.
>
> Documentation on the Kiwa modifications is included. The Kiwa
modifications
> can be seen here http://www.kiwa.com/NRD525.html
>
>
> The receiver has very low hours, it was stored for several years
and upon
> removal from storage, a new lithium battery was installed (less
than a year ago)
> it has a slight mar on the front top right corner , the paint is
slightly
> rubbed off, no chips or scratches.
>
> The Sherwood is in excellent condition.
>
> Sold as a package only, $1,000.00 plus shipping. No sales outside
of U.S.
>
> Reason for selling is I am about to retire and have thinned my
collection
> over a period of time.
>
> I am offering it to the NRD group before offering it on the
newsgroups if
> necessary.
>
> Les Locklear
> Gulfport, Ms.

The NRD-525 and Sherwood SE-3 has been sold.

Thanks,

Les Locklear

602. NRD-525 close-in dynamic range

Yahoo group: nrd-525-535
Date: 2004-01-31 17:44:53 UTC
From: Bill Cotter
Topic: 594 Message: 602

John,

I would like to purchase one of Peter's (Puehler Electronics)
6-pole 70.455MHz first IF filters. I have a fully equipped RF lab
and am very familiar with the '535. Please forward the purchase
information and payment options.

Thanks - Bill

At 07:58 AM 1/27/2004, you wrote:
>Recently I became interested in improving the close-in dynamic
>range of this
>receiver. I already had installed the ESKA 70.455 MHz first IF
>filter.
>Looking at the spectrum of this filter with my spectrum analyzer,
>it was
>running 10 KHz at -6 dB and 80 KHz at -60 dB. The standard filter
>runs 20
>KHz at -6 dB and 80 KHz at -60 dB. What was clearly needed here
>were more
>poles in the filter.
>
>As it turns out, there is another filter available from Puehler
>Electronics
>in Germany. This filter has 6 poles, a bandwidth of 5.5 KHz at -6
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>dB, as on the standard receiver. This close in dynamic range
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>the best receivers reviewed on the Sherwood Engineering web page:
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>http://www.sherweng.com/table.html
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>Now, you might think that this lab test doesn't mean much in the
>real world.
>I have a 5000 watt broadcasting station about 1/2 mile from my
>home on 1450
>KHz. There is a weak broadcast station on 1460 KHz. The modified
>receiver
>can bring up this weak station in the presence of this huge signal

>10 KHz
>away with no problem. The standard receiver can't get a hint of
>it. The
>only other receiver that I have that comes close, but doesn't
>nearly match
>it is a Racal RA6793A. A Harris RF-590 doesn't even come close.
>
>Recently someone mentioned Peter Puehler's mods were expensive and
>probably
>not worth the money. I'm here to tell you that this mod
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>John Reed, KA5QEP
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Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535
---

603. Re: Looking for a NRD-525 owner

Yahoo group: nrd-525-535
Date: 2004-02-01 16:35:16 UTC
From: adibene
Topic: 600 Message: 603

--- In nrd-525-535@yahoogroups.com, Alberto di Bene <dibene@u...>
wrote:
> Is this gentleman reading this group ?
>
> Hans Ostnell,
> Kristinehamn - Sweden
>
The reason why I am seeking info on this gentleman is that I bought
from him on eBay a CD-ROM with the Service Manual of the NRD-525,
promptly paid with PayPal, but after more than one month I have
received nothing, and he does not answer my many emails.

I do sincerely hope nothing has happened to him. If anybody can give
additional information, please do. Thanks.

Alberto di Bene, I2PHD

604. SV: [nrd-525-535] Re: Looking for a NRD-525 owner

Yahoo group: nrd-525-535
Date: 2004-02-01 17:00:17 UTC
From: Bjarne Mjelde
Topic: 600 Message: 604

I bought the same manual from Hans on Dec 18, no problems then. I used hans
at lilleweb.net when I communicated with him.

Bjarne Mjelde
Berlevag, Arctic Norway
-----Opprinnelig melding-----
Fra: adibene [mailto:dibene@...]
Sendt: 1. februar 2004 16:35
Til: nrd-525-535@yahoogroups.com
Emne: [nrd-525-535] Re: Looking for a NRD-525 owner

--- In nrd-525-535@yahoogroups.com, Alberto di Bene <dibene@u...>
wrote:
> Is this gentleman reading this group ?
>
> Hans Ostnell,
> Kristinehamn - Sweden
>
The reason why I am seeking info on this gentleman is that I bought
from him on eBay a CD-ROM with the Service Manual of the NRD-525,
promptly paid with PayPal, but after more than one month I have
received nothing, and he does not answer my many emails.

I do sincerely hope nothing has happened to him. If anybody can give
additional information, please do. Thanks.

Alberto di Bene, I2PHD

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b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

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605. Re: Looking for a NRD-525 owner

Yahoo group: nrd-525-535
Date: 2004-02-02 21:12:00 UTC
From: felix_9090
Topic: 600 Message: 605

Ciao Alberto,

conosci qualcuno che ha ricambi del 525 in italia?

Grazie
Danilo
Bergamo

606. Re: Looking for a NRD-525 owner

Yahoo group: nrd-525-535
Date: 2004-02-02 21:13:19 UTC
From: felix_9090
Topic: 600 Message: 606

Ciao Alberto,

conosci qualcuno che ha ricambi del 525 in italia?

Grazie
Danilo
Bergamo

607. Re: Looking for a NRD-525 owner

Yahoo group: nrd-525-535
Date: 2004-02-02 22:39:33 UTC
From: Alberto di Bene
Topic: 600 Message: 607

"Bjarne Mjelde" <bjarne@...> wrote:

>I bought the same manual from Hans on Dec 18, no problems then. I used hans
>at lilleweb.net when I communicated with him.
>
>Bjarne Mjelde
>Berlevag, Arctic Norway
>

Bjarne,
many thanks for the information. I have used that same address to
write to Hans, but no answer.
I have seen on eBay that another person is complaining that Hans does
not answer to emails after
a sale.

I suspect that something has happened to him, as he has a good past
feedback on eBay, and he
seems to be an active and well considered ham in Sweden. I do sincerely
hope it is nothing
of serious.

73 Alberto I2PHD

608. brand new CFL-251 filter $99 shipped

Yahoo group: nrd-525-535
Date: 2004-02-06 00:46:53 UTC
From: Mike Maghakian
Topic: 608 Message: 608

I have a NEW JRC CFL-251 2400KHz filter for sale in original box.
Universal-radio wants $139 plus shipping to the USA, more elsewhere,

email me at mmaghakian@...

609. NRD-525 Service Manual on CD

Yahoo group: nrd-525-535
Date: 2004-02-07 21:57:54 UTC
From: adibene
Topic: 600 Message: 609

Sorry to bother the group with this subject, but I failed also my last attempt to contact SM4TUG Hans Östnell (or Østnell when he is in Norway) both at the addresses in Kristinehamn, in Lillehammer and at hans@Studio2619,com which is a small Web design firm in Lillehammer. "Jeg som driver Studio2619 heter Hans Østnell." this is what he says on the Studio2619 pages.

To recall why I am looking for him, I bought from him on eBay the Service Manual of the NRD-525 on CD, paid him through Paypal, but after one and half month I haven't received anything, and he does not answer my emails.

At this point I would kindly ask the readers of this group that were more lucky than me in obtaining from SM4TUG that CD with the Service Manual of the NRD-525 if they could send me the PDF file if the size is reasonable. I have a high speed Internet connection, and for me that is not a problem, but maybe it is for the sender.

In this case, he could make a copy of that CD (I paid for it, so I think to be entitled to have a copy of it), I will gladly reimburse any copying and shipping expenses.

Please contact me offline, many thanks

73 Alberto I2PHD

610. RS-232C Interface Unit for NRD 525

Yahoo group: nrd-525-535
Date: 2004-02-08 04:03:21 UTC
From: Randy
Topic: 610 Message: 610

Does anyone know of a third party source who makes the CMH-532 interface unit? Looking to hook up my NRD 525 to computer control software.

611. Need Mod / Filter Recommendations for the 525

Yahoo group: nrd-525-535
Date: 2004-02-08 07:00:27 UTC
From: aidehua@aol.com
Topic: 611 Message: 611

Hello to the Group!

I just purchased my almost new, late serial numbered 525. Only has one mod on it...The DC output has been changed to an IF Output for use with the Sherwood SE-3. I was going to have that done anyway.

As all of you, I am a huge fan of JRC products. I also have a heavily modified 535D (a real beauty) and a 545. So, I will likely use the 525 for AM/SSB. This 525 has no optional filters, so I would like to add some.

My thought was to add a 2.4 in the Narrow slot and a 6 or 8 kHz in the AUX slot (My 535 already has a 1 kHz in the AUX, so I've got the correct bandwidth in the 535 for RTTY). The 525, with its stock ceramic filters already gives me 2 kHz and 4 kHz bandwidths....So I don't want to duplicate the capability, but rather add to it.

What would you do, given my application??? The filters would be from Sherwood....

Look forward to your replies....

Thanks,
Ed NI6S

612. More...Need Mod Recommendations for 525

Yahoo group: nrd-525-535
Date: 2004-02-08 07:06:10 UTC
From: aidehua@aol.com
Topic: 612 Message: 612

Oops! Forgot to mention that I am also considering mods for the 525. I checked out the Kiwa mods and they look promising. But I'm hesitant to butcher my new radio! Are those mods really worthwhile, especially since I'll be using the radio with the SE3???

Your reply is appreciated.

Thanks again!
Ed NI6S

613. Re: [nrd-525-535] Digest Number 260

Yahoo group: nrd-525-535
Date: 2004-02-08 15:19:49 UTC
From: blugrn6@aol.com
Topic: 613 Message: 613

RS232C Interface.

There is one up for auction by radio-mart

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=4673&item=3075227961

BW

614. Re: NRD-525 close-in dynamic range

Yahoo group: nrd-525-535
Date: 2004-02-09 10:40:46 UTC
From: aera
Topic: 594 Message: 614

Hello,

may be you have misunderstand me... my english is not really good :)
My question was how much money you have paid for the filter only
(without the assistance of Mr. Puehler).

I know that the filter costs about 360 - 370 $ without forwarding
expenses etc.... so i think that the filter may be good but such a
price is definitely too much.

I thought, that you ordered the filter only and wanted to know
whether is perhaps cheaper?

--- In nrd-525-535@yahoogroups.com, "John Reed" <jreed@a...> wrote:
>
> ----- Original Message -----
> From: aera
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, January 27, 2004 10:23 PM
> Subject: [nrd-525-535] Re: NRD-525 close-in dynamic range
>
> Peter or I do the installation of this filter. This is to make
sure that everything is done correctly and a complete alignment is
carried out afterwards.
>
> John
>
>
> Hello John,
>
> i want to ask you which price you have paid for this filter? And
if
> it is easy to replce the built in cofiguration with the pueler
filter.
>
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Service.

615. Re: [nrd-525-535] Re: NRD-525 close-in dynamic range

Yahoo group: nrd-525-535
Date: 2004-02-09 15:07:42 UTC
From: John Reed
Topic: 594 Message: 615

----- Original Message -----
From: aera
To: nrd-525-535@yahoogroups.com
Sent: Monday, February 09, 2004 4:40 AM
Subject: [nrd-525-535] Re: NRD-525 close-in dynamic range

If you can install it yourself, Mr. Puehler might sell it to you for $250. You will have to convince him that you have the necessary tools and experience to do the installation however. It will need alignment of the 70.455 MHz IF after installation. A tracking generator and spectrum analyzer is the best way to do this.

Installation involves removing several components and drilling small holes to mount the new filter. This is not for someone who hasn't done this kind of work previously.

John Reed

Hello,

may be you have misunderstand me... my english is not really good :)
My question was how much money you have paid for the filter only
(without the assistance of Mr. Puehler).

I know that the filter costs about 360 - 370 $ without forwarding
expenses etc.... so i think that the filter may be good but such a
price is definitely too much.

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whether is perhaps cheaper?

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> ----- Original Message -----
> From: aera
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, January 27, 2004 10:23 PM
> Subject: [nrd-525-535] Re: NRD-525 close-in dynamic range
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> Peter or I do the installation of this filter. This is to make
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> John
>
>
> Hello John,
>
> i want to ask you which price you have paid for this filter? And

if
> it is easy to replce the built in cofiguration with the pueler
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616. CMK-165

Yahoo group: nrd-525-535
Date: 2004-02-09 22:41:18 UTC
From: pabigelow
Topic: 365 Message: 616

Hello,

Any users here with the CMK-165 VHF/UHF option? If so, how is the performance?

Best regards,

Paul Bigelow

617. Re: [nrd-525-535] CMK-165

Yahoo group: nrd-525-535
Date: 2004-02-10 19:15:22 UTC
From: axel.lehmann@t-online.de
Topic: 365 Message: 617

Hello Paul,

I own a NRD-525 with the VHF / UHF option. I find the receiver on these bands not very sensitive.

On 2m my Standard C510 handheld gives me with the same antenna clear readings of S9+, while the NRD gives a noisy signal and 4 to 5. I never had any SSB receiptions on 2m. And therefore I never tried UHF. However, I had some good receiptions on the air band in AM.

Kind regards - Axel, DG3AL

618. Re: Kiwa ultimate rejection filter

Yahoo group: nrd-525-535
Date: 2004-02-11 00:47:34 UTC
From: Alf Aardal
Topic: 513 Message: 618

Hi Chris,

Wonder if you did any modifications/adding components,when installing the CFW455HT in the AUX position?

73's

Alf

--- In nrd-525-535@yahoogroups.com, "ringmodulator99" <junkbox@a...> wrote:
> Hi Alberto,
>
> thanks for the pics!
>
> This one looks exactly like a cfw455 from murata, that I mentioned in my earlier post.
> Of course the mesh is not on the original murata.
>
> I am quite sure that it is an CFW455HT filter. They go for about 7 Euro.
> I am using one in my 535DG on FL2 position and anotherone on the AUX position.
> AM is quite pleasant wit AUX and FM works also good.
>
> 73 and gl
>
> Chris, DJ0MDJ
>

619. Re: Kiwa ultimate rejection filter

Yahoo group: nrd-525-535
Date: 2004-02-11 17:06:20 UTC
From: ringmodulator99
Topic: 513 Message: 619

Hello Alf,

the CFW455HT is not a drop-in replacement.
I used some very short pieces of bare wire to match the pin patterns.
I placed the filter inside the shielded housing in the area of the
original one.

No additional parts or adjustment neccesary.

If you are skilled in soldering, it is really no problem and can be
reversed easily.

If you preform this modification, please let us know what you think
about the result.

73,
Chris

--- In nrd-525-535@yahoogroups.com, "Alf Aardal" <alfardal@o...>
wrote:
> Hi Chris,
>
> Wonder if you did any modifications/adding components,when
installing the CFW455HT in the AUX position?
>
> 73's
>
> Alf
>
>
>
> --- In nrd-525-535@yahoogroups.com, "ringmodulator99"
<junkbox@a...> wrote:
> > Hi Alberto,
> >
> > thanks for the pics!
> >
> > This one looks exactly like a cfw455 from murata, that I
mentioned in my earlier post.
> > Of course the mesh is not on the original murata.
> >
> > I am quite sure that it is an CFW455HT filter. They go for about
7 Euro.
> > I am using one in my 535DG on FL2 position and anotherone on the
AUX position.
> > AM is quite pleasant wit AUX and FM works also good.

> >
> > 73 and gl
> >
> > Chris, DJ0MDJ
> >

620. Filters?

Yahoo group: nrd-525-535
Date: 2004-02-11 21:10:17 UTC
From: Alf Årdal
Topic: 620 Message: 620

Chris,

Have you ever tested a more narrow filter in the AUX position?
Like the CFJ455K5 or a 3.5 - 4.0 kHz filter....

Does this goes for the other filter positions,or do the components need to be changed?

As I understood...the matching components had to be changed,whatever position that was used!

Perhaps the others on the list have different opinions?

73's

Alf

ringmodulator99 wrote:

> Hello Alf,
>
> the CFW455HT is not a drop-in replacement.
> I used some very short pieces of bare wire to match the pin patterns.
> I placed the filter inside the shielded housing in the area of the
> original one.
>
> No additional parts or adjustment neccesary.
>
> If you are skilled in soldering, it is really no problem and can be
> reversed easily.
>
> If you preform this modification, please let us know what you think
> about the result.
>
> 73,
> Chris
>
> --- In nrd-525-535@yahoogroups.com, "Alf Aardal" <alfardal@o...>
> wrote:
> > Hi Chris,
> >
> > Wonder if you did any modifications/adding components,when
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> >
> > 73's
> >
> > Alf
> >

> >
> >
> > --- In nrd-525-535@yahoogroups.com, "ringmodulator99"
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> > > Hi Alberto,
> > >
> > > thanks for the pics!
> > >
> > > This one looks exactly like a cfw455 from murata, that I
> mentioned in my earlier post.
> > > Of course the mesh is not on the original murata.
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> > > I am quite sure that it is an CFW455HT filter. They go for about
> 7 Euro.
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> AUX position.
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> > >
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> > >
> > > Chris, DJ0MDJ
> > >
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621. Re: CMK-165

Yahoo group: nrd-525-535
Date: 2004-02-12 00:08:57 UTC
From: pabigelow
Topic: 365 Message: 621

Hello Axel,

Thank you for the reply. I will have the CMK-165 option very soon after looking for it for several years. Perhaps reception will be acceptable in an urban environment with lots of signals. I'm hoping it will add a little more fun to the receiver.

Best regards,

Paul Bigelow

--- In nrd-525-535@yahoogroups.com, axel.lehmann@t... wrote:
> Hello Paul,
>
> I own a NRD-525 with the VHF / UHF option. I find the receiver on these bands not very sensitive.
>
> On 2m my Standard C510 handheld gives me with the same antenna clear readings of S9+, while the NRD gives a noisy signal and 4 to 5. I never had any SSB receiptions on 2m. And therefore I never tried UHF. However, I had some good receiptions on the air band in AM.
>
> Kind regards - Axel, DG3AL

622. Re: [nrd-525-535] Filters?

Yahoo group: nrd-525-535
Date: 2004-02-12 15:00:13 UTC
From: John Reed
Topic: 620 Message: 622

----- Original Message -----
From: Alf Årdal
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, February 11, 2004 3:10 PM
Subject: [nrd-525-535] Filters?

If you want to use a Murata ceramic filter in the AUX or NARR positions, the impedance will have to be matched. The NRD receivers are set up to plug in a 600 ohm crystal filter in these postions. The Murata ceramic filters have an impedance of about 2000 ohms. If this mismatched impedance isn't corrected, the filter will have more attenuation and the passband ripple will be increased. This can be done by using chokes and capacitors on the input and output circuits.

John Reed

Chris,

Have you ever tested a more narrow filter in the AUX position?
Like the CFJ455K5 or a 3.5 - 4.0 kHz filter....

Does this goes for the other filter positions,or do the components need to be changed?

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Perhaps the others on the list have different opinions?

73's

Alf

ringmodulator99 wrote:

> Hello Alf,
>
> the CFW455HT is not a drop-in replacement.
> I used some very short pieces of bare wire to match the pin patterns.
> I placed the filter inside the shielded housing in the area of the
> original one.
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> No additional parts or adjustment neccesary.
>
> If you are skilled in soldering, it is really no problem and can be
> reversed easily.
>
> If you preform this modification, please let us know what you think
> about the result.
>

> 73,
> Chris
>
> --- In nrd-525-535@yahoogroups.com, "Alf Aardal" <alfardal@o...>
> wrote:
> > Hi Chris,
> >
> > Wonder if you did any modifications/adding components,when
> installing the CFW455HT in the AUX position?
> >
> > 73's
> >
> > Alf
> >
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "ringmodulator99"
> <junkbox@a...> wrote:
> > > Hi Alberto,
> > >
> > > thanks for the pics!
> > >
> > > This one looks exactly like a cfw455 from murata, that I
> mentioned in my earlier post.
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623. Re: CMK 165 UHF/VHF

Yahoo group: nrd-525-535
Date: 2004-02-12 15:13:11 UTC
From: Dan Robinson
Topic: 623 Message: 623

I have been using the VHF/UHF converter for a number of months and
have to say that I find it perfectly acceptable. In the Washington DC area
I often am able to hear transmissions better on the 525 combination than
on my other scanners!

624. Re: Filters?

Yahoo group: nrd-525-535
Date: 2004-02-12 15:29:53 UTC
From: ringmodulator99
Topic: 620 Message: 624

Hello Alf and John,

for the FL2, the impedance of the original Filter (LF12 I think) is
also 2k ohm, so the CFW455HT will match there.

For the Aux-Position:
I just had another spare CFW455HT and I simply gave it a try.
I did not do any impedance matching for this one and I can confirm,
that the attentuation is higher than it would be when proper matched.

To be honest, I did not think about impedance matching for the AUX,
because I did not have serious plans to leave the CFW in the radio.

Do you have a suggestion on how to change the componets to get a 2k
ohm filter matched for the Aux position?

Regards
Chris

--- In nrd-525-535@yahoogroups.com, "John Reed" <jreed@a...> wrote:
>
> ----- Original Message -----
> From: Alf Årdal
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, February 11, 2004 3:10 PM
> Subject: [nrd-525-535] Filters?
>
> If you want to use a Murata ceramic filter in the AUX or NARR
positions, the impedance will have to be matched. The NRD receivers
are set up to plug in a 600 ohm crystal filter in these postions.
The Murata ceramic filters have an impedance of about 2000 ohms. If
this mismatched impedance isn't corrected, the filter will have more
attenuation and the passband ripple will be increased. This can be
done by using chokes and capacitors on the input and output circuits.
>
> John Reed
>
>
> Chris,
>
> Have you ever tested a more narrow filter in the AUX position?
> Like the CFJ455K5 or a 3.5 - 4.0 kHz filter....
>
> Does this goes for the other filter positions,or do the
components need to be changed?
>

> As I understood...the matching components had to be
changed,whatever position that was used!
>
> Perhaps the others on the list have different opinions?
>
> 73's
>
> Alf
>
> .

625. Re: [nrd-525-535] Filters?

Yahoo group: nrd-525-535
Date: 2004-02-12 17:43:54 UTC
From: Alf Årdal
Topic: 620 Message: 625

Hi John.

I thought the AUX place had a impedance around 1200 ohm...but anyway I
know that putting in a Murata filter,needs a changing of both resistors
and cap's.

What is the impedance of the WIDE position?

73's

Alf

John Reed wrote:

> ----- Original Message -----
> From: Alf ?rdal
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, February 11, 2004 3:10 PM
> Subject: [nrd-525-535] Filters?
>
> If you want to use a Murata ceramic filter in the AUX or
> NARR positions, the impedance will have to be matched. The
> NRD receivers are set up to plug in a 600 ohm crystal filter
> in these postions. The Murata ceramic filters have an
> impedance of about 2000 ohms. If this mismatched impedance
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> the passband ripple will be increased. This can be done by
> using chokes and capacitors on the input and output
> circuits.
>
> John Reed
> Chris,
>
> Have you ever tested a more narrow filter in the AUX
> position?
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> components need to be changed?
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> changed,whatever position that was used!
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> Perhaps the others on the list have different opinions?
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> 73's

>
> Alf
>

626. Re: [nrd-525-535] Re: Filters?

Yahoo group: nrd-525-535
Date: 2004-02-13 00:26:46 UTC
From: John Reed
Topic: 620 Message: 626

----- Original Message -----
From: ringmodulator99
To: nrd-525-535@yahoogroups.com
Sent: Thursday, February 12, 2004 9:29 AM
Subject: [nrd-525-535] Re: Filters?

To match the impedance going from 2000 ohms to 600 ohms at 455 KHz you need two chokes of value 220 uH from the 2000 ohm terminals to the filter in/out pins. Also you need two 270 pF capacitors shunted to ground from the filter in/out pins. That should work for you.

John Reed

Hello Alf and John,

for the FL2, the impedance of the original Filter (LF12 I think) is
also 2k ohm, so the CFW455HT will match there.

For the Aux-Position:
I just had another spare CFW455HT and I simply gave it a try.
I did not do any impedance matching for this one and I can confirm,
that the attentuation is higher than it would be when proper matched.

To be honest, I did not think about impedance matching for the AUX,
because I did not have serious plans to leave the CFW in the radio.

Do you have a suggestion on how to change the componets to get a 2k
ohm filter matched for the Aux position?

Regards
Chris

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>
> ----- Original Message -----
> From: Alf Årdal
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, February 11, 2004 3:10 PM
> Subject: [nrd-525-535] Filters?
>
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The Murata ceramic filters have an impedance of about 2000 ohms. If
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> John Reed
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> Chris,
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>
> Alf
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> .

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627. RE: [nrd-525-535] Digest Number 264

Yahoo group: nrd-525-535
Date: 2004-02-13 01:34:13 UTC
From: Kris W. Field
Topic: 627 Message: 627

My reaction to the Kiwa ultimate rejection filter: Great!

I took it on a dxpedition for 3 days early this week coupled with a Grove SP-200 speaker. The 525 is normally the backup receiver to my Drake R8. This time the Drake took a back seat- 90% of the time. I find the NRD-525 sound to be very very good with or without the Grove speaker. That says a lot for the 525 sound. This filter brings out the highs in the signal (I lost the high freqs in my hearing some years ago and need as much treble as I can get), yet allows me to use both the Passband Tuning and Notch to clean up the signals. It sounds great in AM, and does cleanup in SSB as well. This is the only mod I've done to this receiver, and it's become my primary receiver again. It's become a good sounding, more versatile receiver- and it always was a good receiver, now the audio intelligibility is enhanced quite a bit.

I highly recommend it- (and thanks to Bob Montgomery for his skill in installing the filter for me). & Thank you Craig Siegenthaler of Kiwa. Hope this helps.

Kris Field

-----Original Message-----
From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com]
Sent: Thursday, February 12, 2004 10:03 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Digest Number 264

There are 4 messages in this issue.

Topics in this digest:

1. Re: Kiwa ultimate rejection filter
From: "ringmodulator99" <junkbox@...>
2. Filters?
From: Alf ?rdal <alfardal@...>
3. Re: CMK-165
From: "pabigelow" <pbigelow@...>
4. Re: Filters?
From: "John Reed" <jreed@...>

Message: 1
Date: Wed, 11 Feb 2004 17:06:20 -0000
From: "ringmodulator99" <junkbox@...>
Subject: Re: Kiwa ultimate rejection filter

Hello Alf,

the CFW455HT is not a drop-in replacement.
I used some very short pieces of bare wire to match the pin patterns.
I placed the filter inside the shielded housing in the area of the
original one.

No additional parts or adjustment neccesary.

If you are skilled in soldering, it is really no problem and can be
reversed easily.

If you preform this modification, please let us know what you think
about the result.

73,
Chris

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wrote:
> Hi Chris,
>
> Wonder if you did any modifications/adding components,when
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> Alf
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> --- In nrd-525-535@yahoogroups.com, "ringmodulator99"
<junkbox@a...> wrote:
> > Hi Alberto,
> >
> > thanks for the pics!
> >
> > This one looks exactly like a cfw455 from murata, that I
mentioned in my earlier post.
> > Of course the mesh is not on the original murata.
> >
> > I am quite sure that it is an CFW455HT filter. They go for about
7 Euro.
> > I am using one in my 535DG on FL2 position and anotherone on the
AUX position.
> > AM is quite pleasant wit AUX and FM works also good.
> >
> > 73 and gl
> >
> > Chris, DJ0MDJ
> >

Message: 2
Date: Wed, 11 Feb 2004 22:10:17 +0100
From: Alf ?rdal <alfardal@...>
Subject: Filters?

Chris,

Have you ever tested a more narrow filter in the AUX position?
Like the CFJ455K5 or a 3.5 - 4.0 kHz filter....

Does this goes for the other filter positions,or do the components need to
be changed?

As I understood...the matching components had to be changed,whatever
position that was used!

Perhaps the others on the list have different opinions?

73's

Alf

ringmodulator99 wrote:

> Hello Alf,
>
> the CFW455HT is not a drop-in replacement.
> I used some very short pieces of bare wire to match the pin patterns.
> I placed the filter inside the shielded housing in the area of the
> original one.
>
> No additional parts or adjustment neccesary.
>
> If you are skilled in soldering, it is really no problem and can be
> reversed easily.
>
> If you preform this modification, please let us know what you think
> about the result.
>
> 73,
> Chris
>
> --- In nrd-525-535@yahoogroups.com, "Alf Aardal" <alfardal@o...>
> wrote:
> > Hi Chris,
> >
> > Wonder if you did any modifications/adding components,when
> installing the CFW455HT in the AUX position?
> >
> > 73's
> >

> > Alf
> >
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "ringmodulator99"
> <junkbox@a...> wrote:
> > > Hi Alberto,
> > >
> > > thanks for the pics!
> > >
> > > This one looks exactly like a cfw455 from murata, that I
> mentioned in my earlier post.
> > > Of course the mesh is not on the original murata.
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> > > I am using one in my 535DG on FL2 position and anotherone on the
> AUX position.
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> > >
> > > 73 and gl
> > >
> > > Chris, DJ0MDJ
> > >
>
>
>
> Yahoo! Groups Links
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>

Message: 3
Date: Thu, 12 Feb 2004 00:08:57 -0000
From: "pabigelow" <pbigelow@...>
Subject: Re: CMK-165

Hello Axel,

Thank you for the reply. I will have the CMK-165 option very soon
after looking for it for several years. Perhaps reception will be
acceptable in an urban environment with lots of signals. I'm hoping
it will add a little more fun to the receiver.

Best regards,

Paul Bigelow

--- In nrd-525-535@yahoogroups.com, axel.lehmann@t... wrote:
> Hello Paul,
>
> I own a NRD-525 with the VHF / UHF option. I find the receiver on
these bands not very sensitive.
>
> On 2m my Standard C510 handheld gives me with the same antenna
clear readings of S9+, while the NRD gives a noisy signal and 4 to 5.
I never had any SSB receiptions on 2m. And therefore I never tried
UHF. However, I had some good receiptions on the air band in AM.
>
> Kind regards - Axel, DG3AL

Message: 4
Date: Thu, 12 Feb 2004 09:00:13 -0600
From: "John Reed" <jreed@...>
Subject: Re: Filters?

----- Original Message -----
From: Alf ?rdal
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, February 11, 2004 3:10 PM
Subject: [nrd-525-535] Filters?

If you want to use a Murata ceramic filter in the AUX or NARR positions,
the impedance will have to be matched. The NRD receivers are set up to plug
in a 600 ohm crystal filter in these postions. The Murata ceramic filters
have an impedance of about 2000 ohms. If this mismatched impedance isn't
corrected, the filter will have more attenuation and the passband ripple
will be increased. This can be done by using chokes and capacitors on the
input and output circuits.

John Reed

Chris,

Have you ever tested a more narrow filter in the AUX position?
Like the CFJ455K5 or a 3.5 - 4.0 kHz filter....

Does this goes for the other filter positions,or do the components need to
be changed?

As I understood...the matching components had to be changed,whatever
position that was used!

Perhaps the others on the list have different opinions?

73's

Alf

ringmodulator99 wrote:

> Hello Alf,
>
> the CFW455HT is not a drop-in replacement.
> I used some very short pieces of bare wire to match the pin patterns.
> I placed the filter inside the shielded housing in the area of the
> original one.
>
> No additional parts or adjustment neccesary.
>
> If you are skilled in soldering, it is really no problem and can be
> reversed easily.
>
> If you preform this modification, please let us know what you think
> about the result.
>
> 73,
> Chris
>
> --- In nrd-525-535@yahoogroups.com, "Alf Aardal" <alfardal@o...>
> wrote:
> > Hi Chris,
> >
> > Wonder if you did any modifications/adding components,when
> installing the CFW455HT in the AUX position?
> >
> > 73's
> >
> > Alf
> >
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "ringmodulator99"
> <junkbox@a...> wrote:
> > > Hi Alberto,
> > >
> > > thanks for the pics!
> > >
> > > This one looks exactly like a cfw455 from murata, that I
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> > > I am using one in my 535DG on FL2 position and anotherone on the
> AUX position.
> > > AM is quite pleasant wit AUX and FM works also good.
> > >
> > > 73 and gl
> > >

> > > Chris, DJ0MDJ
> > >
>
>
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>

--
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[This message contained attachments]

Yahoo! Groups Links

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628. Re: NRD-525 Service Manual on CD

Yahoo group: nrd-525-535
Date: 2004-02-16 22:17:51 UTC
From: adibene
Topic: 600 Message: 628

All is well what ends well. I think I have to say here that after some unusual delay (one and half month), at the end I received the CD with the Service Manual of the NRD-525 from Hans Östnell.

He said that he is very busy with the Army in his country, and that he was in the Artic zone for a long period without Internet access. This explains why he didn't answer my emails.

73 Alberto I2PHD

--- In nrd-525-535@yahoogroups.com, "adibene" <dibene@u...> wrote:
> Sorry to bother the group with this subject, but I failed also my last
> attempt to contact SM4TUG Hans Östnell [...]

629. Re: Filters?

Yahoo group: nrd-525-535
Date: 2004-02-21 21:54:57 UTC
From: ringmodulator99
Topic: 620 Message: 629

Hello John,

luckily I had some toroids left over from the "Filter Leakage Modification" (thanks to Dallas Lankford), so I could perform your recommendation this evening.

This impedance matching worked out very well, and indeed the attentuation in the passband is lesser aund the sound is much better, probably due to less ripples in the passband.

This is for a CFW455HT in the Aux-Position on the 535, but is also valid for the 525

Of course, there are filters with much better specs available, but consided the price, the CFW455HT offers quite good results for me. (eg. a CFK455 would be in the 50$ range)

My general opinion about the filters is, that the expensive filters show better specs on the paper and as everywhere at a certain point the additional benefit increasese lesser and lesser for exponential more money.

My suggestion:
If you need flexibility in bandwith, check a DSP-unit like the Timewave 59+ for SSB, CW and Data.
They usually go for about 110 $ on the used market.

Thank you John!

Regards
Chris

>
> To match the impedance going from 2000 ohms to 600 ohms at 455 KHz you need two chokes of value 220 uH from the 2000 ohm terminals to the filter in/out pins. Also you need two 270 pF capacitors shunted to ground from the filter in/out pins. That should work
for you.
>
> John Reed
>

630. Re: [nrd-525-535] Re: Filters?

Yahoo group: nrd-525-535
Date: 2004-02-21 22:35:20 UTC
From: John Reed
Topic: 620 Message: 630

----- Original Message -----
From: ringmodulator99
To: nrd-525-535@yahoogroups.com
Sent: Saturday, February 21, 2004 3:54 PM
Subject: [nrd-525-535] Re: Filters?

I'm glad this worked for you. An add-on audio filter is a good solution as long as you aren't trying to filter a weak station near a strong one. In this situation the filter should be as close to the antenna as possible. If the strong station gets through the IF filters, then it will probably cross modulate the weak signal on detection. This is why Peter Puehler's 70.455 MHz filter is such an improvement. It protects the second mixer from strong stations. The 455 KHz IF filters are better for strong signal performance than an audio filter, although the second mixer is not protected.

John

Hello John,

luckily I had some toroids left over from the "Filter Leakage
Modification" (thanks to Dallas Lankford), so I could perform your
recommendation this evening.

This impedance matching worked out very well, and indeed the
attentuation in the passband is lesser aund the sound is much better,
probably due to less ripples in the passband.

This is for a CFW455HT in the Aux-Position on the 535, but is also
valid for the 525

Of course, there are filters with much better specs available, but
consided the price, the CFW455HT offers quite good results for me.
(eg. a CFK455 would be in the 50$ range)

My general opinion about the filters is, that the expensive filters
show better specs on the paper and as everywhere at a certain point
the additional benefit increasese lesser and lesser for exponential
more money.

My suggestion:
If you need flexibility in bandwith, check a DSP-unit like the
Timewave 59+ for SSB, CW and Data.
They usually go for about 110 $ on the used market.

Thank you John!

Regards
Chris

>
> To match the impedance going from 2000 ohms to 600 ohms at 455
KHz you need two chokes of value 220 uH from the 2000 ohm
terminals to the filter in/out pins. Also you need two 270 pF
capacitors shunted to ground from the filter in/out pins. That
should work
for you.
>
> John Reed
>

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631. JRC filters?

Yahoo group: nrd-525-535
Date: 2004-02-22 05:03:37 UTC
From: Alf Årdal
Topic: 631 Message: 631

Can some give a me clue how much a JRC 1.8 khz filter costs?

I know they are difficult to get hands.

Some info if any of the boards inside are still available...if so...where?

Regards

Alf Aardal

632. Scratchy pot's.

Yahoo group: nrd-525-535
Date: 2004-02-22 15:40:00 UTC
From: Alf Årdal
Topic: 632 Message: 632

The RF and AF pot's are starting to be a little scratchy...also the
antenna switch.

Is this a difficult task?

I know I have to loosen the front panel from the chassis...does the
front panel board have to be removed also to get to the pot's.

Does any of the list members recommend to use WD40 to clean up the
potentiometers,
to get them back to fully working order,or do they have to be replaced?

The antenna switch I suspect has to be replaced...is the switch a
difficult part to find?

73's

Alf Aardal

633. ECCS not performing well

Yahoo group: nrd-525-535
Date: 2004-02-22 16:46:06 UTC
From: John T. M. Lyles
Topic: 633 Message: 633

I have a question about NRD535D. When using ECSS demodulation of AM, I must offset the station frequency about 1 KHz high (always) for lock. Also, it seems that LSB and USB have gross differences in perceived audio quality, always. If I use Intermediate filter BW, very much to the worse. On Wide, the difference isn't as great, but still noticable. I have the maintenance manual, but the only procedure on setting up the ECCS board (CMF78)is to adjust the one pot RV1 for 4.5 V on TP4 with a 7.1 MHz carrier at 40 dBu. I assume that this sets the phase detector inside of the MC4046B PLL (IC2) to 50% for 97 KHz 3rd IF input, centering the VCO to regenerate 97 KHz. Will this adjustment fix my problem, or is the carrier phase shift (one +45 and one -45 deg) also easily misadjusted or drifted? L2 and L3 are used for this phase shift, both being 1.6 mH. What about balance pot RV2, which sets the gain of one 'mixed' signal into the large RC phase shift networks? There is no procedure mentioned to set RV2, yet it is marked BALANCE at the upper edge of the card. I haven't touched any of the adjustments yet, was wondering if any of you have tuned up this board?

634. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2004-02-22 18:10:42 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 634

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Manuals/NRD-525_SM_1-3.pdf
Uploaded by : adibene <dibene@...>
Description : NRD-525 Service Manual, part 1-3

You can access this file at the URL

http://groups.yahoo.com/group/nrd-525-535/files/Manuals/NRD-525_SM_1-3.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

adibene <dibene@...>

635. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2004-02-22 18:15:05 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 635

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Manuals/NRD-525_SM_4.pdf
Uploaded by : adibene <dibene@...>
Description : NRD-525 Service Manual, part 4

You can access this file at the URL

http://groups.yahoo.com/group/nrd-525-535/files/Manuals/NRD-525_SM_4.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

adibene <dibene@...>

636. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2004-02-22 18:16:42 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 636

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Manuals/NRD-525_SM_5-1.pdf
Uploaded by : adibene <dibene@...>
Description : NRD-525 Service Manual, part 5.1

You can access this file at the URL

http://groups.yahoo.com/group/nrd-525-535/files/Manuals/NRD-525_SM_5-1.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

adibene <dibene@...>

637. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2004-02-22 18:20:35 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 637

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Manuals/NRD-525_SM_5-2.pdf
Uploaded by : adibene <dibene@...>
Description : NRD-525 Service Manual, part 5.2

You can access this file at the URL

http://groups.yahoo.com/group/nrd-525-535/files/Manuals/NRD-525_SM_5-2.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

adibene <dibene@...>

638. NRD-525 Service Manual

Yahoo group: nrd-525-535
Date: 2004-02-22 18:23:56 UTC
From: adibene
Topic: 638 Message: 638

Hello all,

as per the previous four messages, I have uploaded to the Files
section of this group the Service Manual of the NRD-525.

If someone thinks it is not appropriate that it is publicly posted
here, please let me know.

73 Alberto I2PHD

639. ECSS improvement in NRD535D

Yahoo group: nrd-525-535
Date: 2004-02-23 17:29:24 UTC
From: jtml1
Topic: 639 Message: 639

I took at look, and the level at TP4 on ECSS board was low. With 7.10000 MHz source, I was able to get it to 4.58 V (very touchy adjustment) and solve the problem. Now the 4046 VCO locks much better on weak stations, within 1 kHz of center as advertised.

While inside I noticed that the notch filter on my 535 was out of alignment, in that the 'suckout' of center passband was at 9 O'clock instead of straight up (12 o'clock). So i touched up the CENTER pot on the IF Amp board. This, of course, shifted the 357 KHz LO, affecting the mix down to 97 KHz 3rd IF. I didn't check the actual LO frequency as the manual specifies, just moved the notch back to center on the notch potentiometer. When done, this again affected the ECSS, moved the phase detector output voltage too far. So retweaked that to get 4.58 again, now synchronous demod with exhaulted carrier works great.

BTW, I didn't even realize it, but the RX doesn't even use a diode envelope detector for conventional AM, instead using a simple self synchronous detector using the product det IC, more like old Homodyne receiver demodulators.
73, jtml (K5PRO)

640. serial number question

Yahoo group: nrd-525-535
Date: 2004-02-23 20:02:32 UTC
From: Hans
Topic: 640 Message: 640

Hello to all,

Maybe this question has been asked before (sorry) but:

-From which serial number of the nrd 525 the audio is (much) better?
-From which serial number of the nrd 535 the eccs and the bandwidth control
can be modified? (transforming to an nrd535D!)

Thank you very much for help me out!

Hans, Amsterdam - the Netherlands.

641. ECSS improvement in NRD535D

Yahoo group: nrd-525-535
Date: 2004-02-24 02:25:13 UTC
From: Bill Cotter
Topic: 639 Message: 641

Hi jmtl,

Thanks for the interesting post on the 535D. I am about to jump in
and dot a total alignment, and your insight was just what I was
hoping to hear.

Do you have a Service Manual for the NRD-535D? I have seen the
service manual for the 525 that Alberto posted a day or so ago, but
I don't think it is close enough to the 535 to be seriously relied
upon. I would like to find a service manual in electronic format.
Any leads?

73 es cul bill n4alg

At 12:29 PM 2/23/2004, you wrote:
>I took at look, and the level at TP4 on ECSS board was low. With
>7.10000 MHz source, I was able to get it to 4.58 V (very touchy
>adjustment) and solve the problem. Now the 4046 VCO locks much
>better on weak stations, within 1 kHz of center as advertised.
>
>While inside I noticed that the notch filter on my 535 was out of
>alignment, in that the 'suckout' of center passband was at 9 O'clock
>instead of straight up (12 o'clock). So i touched up the CENTER pot
>on the IF Amp board. This, of course, shifted the 357 KHz LO,
>affecting the mix down to 97 KHz 3rd IF. I didn't check the actual
>LO frequency as the manual specifies, just moved the notch back to
>center on the notch potentiometer. When done, this again affected
>the ECSS, moved the phase detector output voltage too far. So
>retweaked that to get 4.58 again, now synchronous demod with
>exhaulted carrier works great.
>
>BTW, I didn't even realize it, but the RX doesn't even use a diode
>envelope detector for conventional AM, instead using a simple self
>synchronous detector using the product det IC, more like old
>Homodyne receiver demodulators.
>73, jtml (K5PRO)
>

Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535
---

642. RE: [nrd-525-535] Scratchy pot's.

Yahoo group: nrd-525-535
Date: 2004-02-24 11:11:31 UTC
From: Al Bolton
Topic: 632 Message: 642

DO NOT USE WD40!!! Although it may work for a short time, it will encourage the build up of dirt and dust and it may also weaken and even strip the carbon tracks of the pot!

Use a proper switch cleaner with lubricant, such as De-Oxit. Squirt it into the pot and then work it back and forth. Leave the pot for a couple of minutes and repeat. This usually cures the noisiest pot but a third application may be necessary. If it's still noisy, it may be beyond cleaning. I would then suggest replacement, although some pots can be modified so that the swept area of the track in use is changed slightly (by bending!)

Good luck,

Al Bolton, G4VSQ
http://www.reading-city.net/Vintage_Radios

-----Original Message-----
From: Alf Ardal [mailto:alfardal@...]
Sent: Sunday, February 22, 2004 3:40 PM
To: NRD 525 group
Subject: [nrd-525-535] Scratchy pot's.

The RF and AF pot's are starting to be a little scratchy...also the antenna switch.

Is this a difficult task?

I know I have to loosen the front panel from the chassis...does the front panel board have to be removed also to get to the pot's.

Does any of the list members recommend to use WD40 to clean up the potentiometers,
to get them back to fully working order,or do they have to be replaced?

The antenna switch I suspect has to be replaced...is the switch a difficult part to find?

73's

Alf Aardal

643. Re: [nrd-525-535] serial number question

Yahoo group: nrd-525-535
Date: 2004-02-24 23:15:52 UTC
From: Hans
Topic: 640 Message: 643

Anybody can give me some help about this?????

Hans.

----- Original Message -----
From: "Hans" <dxhunter.zeeuw@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, February 23, 2004 9:02 PM
Subject: [nrd-525-535] serial number question

> Hello to all,
>
> Maybe this question has been asked before (sorry) but:
>
> -From which serial number of the nrd 525 the audio is (much) better?
> -From which serial number of the nrd 535 the eccs and the bandwidth
control
> can be modified? (transforming to an nrd535D!)
>
> Thank you very much for help me out!
>
> Hans, Amsterdam - the Netherlands.
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644. Re: serial number question

Yahoo group: nrd-525-535
Date: 2004-02-25 16:01:29 UTC
From: Alberto di Bene
Topic: 640 Message: 644

"Hans" <dxhunter.zeeuw@...> wrote:

>>-From which serial number of the nrd 525 the audio is (much) better
>>

I am also quite interested in the answer to this question
My NRD-525 has S/N 40665 and I am wondering which mods to the audio
and/or AGC
this S/N has (if any) w.r.t. the early models. Thanks.

Alberto I2PHD

645. RS-232C Interface Cable Noise/Interference

Yahoo group: nrd-525-535
Date: 2004-03-11 16:26:09 UTC
From: Randy
Topic: 645 Message: 645

I bought a RS-232C Interface Unit CMH-532 for my NRD 525. Had a computer friend help with the cable connection thru a network cable/serial adapter to go to my computer's serial com port. The RDLB software controls the radio fine, but I'm getting a lot of noise and interference with either the computer on or off.The noise starts low than increases in volume and than fades. Kind of a howling. I removed the cable from the CMH-532 board and no noise/interfernce so I assume the board I installed is OK.

What is the best way of shielding the wiring inside the radio to eliminate this RF noise? Does the adapter from the wiring from the board's cable to the network cable adapter inside the radio be put in a metal box? Will wrapping the wiring with aluminum foil and electrical tape do the trick or do I need something more thick? Anyone have a fix?

646. Filter impedance?

Yahoo group: nrd-525-535
Date: 2004-03-15 19:24:21 UTC
From: Alf Årdal
Topic: 646 Message: 646

Hi all,

Does any have the knowledge of what the exact impedance is in the
standard filters in Inter and Wide are?
Also what the exact impedance is on the JRC 1.8 khz filter?

73's

Alf Aardal

647. Re: [nrd-525-535] Filter impedance?

Yahoo group: nrd-525-535
Date: 2004-03-16 14:40:30 UTC
From: John Reed
Topic: 646 Message: 647

----- Original Message -----
From: Alf Årdal
To: NRD 525 group
Sent: Monday, March 15, 2004 1:24 PM
Subject: [nrd-525-535] Filter impedance?

Here is what I have on these filters:

WIDE position: CFL-D6S ceramic, in/out impedance 2000 to 2200 ohms
INTER position: MF-31C mechanical filter, in/out impedance 1500 ohms
AUX or NARR position: YF455EBF crystal filter 1.8 KHz bandwidth, 600 ohms

73, John Reed, KA5QEP

Hi all,

Does any have the knowledge of what the exact impedance is in the
standard filters in Inter and Wide are?
Also what the exact impedance is on the JRC 1.8 khz filter?

73's

Alf Aardal

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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

648. remote control command for "stand by"

Yahoo group: nrd-525-535
Date: 2004-03-16 21:59:14 UTC
From: Michel
Topic: 648 Message: 648

Hello,

If I'm correct there is a command to put the 535 standby. This is not mentioned in de manual but as I remember from earlier day's ther is.

Does anyone know un-documented commands voor remote serial control for the 535, specialy for standby?

thanks,
Michel

649. NRD 535 WITH A RECEPTION PROBLEM

Yahoo group: nrd-525-535
Date: 2004-03-19 15:13:09 UTC
From: Jakob G Kolbeinsson
Topic: 649 Message: 649
Attachments: 1 described; binary payloads are missing from this source WARC

Hi, my name is Jake (resident of Iceland) and I am new to the group. I just bought a a used NRD 535 that has a problem. It is not receive properly on any bands. I was able to pick up one transmission form a local LW station but the signal came in very low and I do have a fine long-wire antenna. It should have been reading S: 9+40 db, but read S: 0-0.5 db. I know that the NRD was kept in storage for the past four years and the owner told me it had been functioning the last time he operated it. I jiggled the boards inside and replaced them back again in there original position without any change in the reception. Has anyone experienced any similar problem. Have a great weekend!

Bestu kveðjur / best wishes
Jake

650. Re: NRD 535 WITH A RECEPTION PROBLEM

Yahoo group: nrd-525-535
Date: 2004-03-19 16:22:54 UTC
From: ringmodulator99
Topic: 649 Message: 650

Hello Jake,

did you check the position of the antenna selectionswitch on the backside?
Maybe wiggle it sometimes back and forth to ensure that the contacts clean =
themselves a little bit.

Regards
Chris

--- In nrd-525-535@yahoogroups.com, "Jakob G Kolbeinsson" <jgk101@s...> wro=
te:
> Hi, my name is Jake (resident of Iceland) and I am new to the group. I
> just bought a a used NRD 535 that has a problem. It is not receive
> properly on any bands. I was able to pick up one transmission form a
> local LW station but the signal came in very low and I do have a fine
> long-wire antenna. It should have been reading S: 9+40 db, but read S:
> 0-0.5 db. I know that the NRD was kept in storage for the past four
> years and the owner told me it had been functioning the last time he
> operated it. I jiggled the boards inside and replaced them back again
> in there original position without any change in the reception. Has
> anyone experienced any similar problem. Have a great weekend!
>
> Bestu kveðjur / best wishes
> Jake

651. RE: [nrd-525-535] Re: NRD 535 WITH A RECEPTION PROBLEM

Yahoo group: nrd-525-535
Date: 2004-03-19 16:36:18 UTC
From: Jakob G Kolbeinsson
Topic: 649 Message: 651
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Chris,
and thank you for your reply. Yes I did that as well and I also tried
both antenna sockets and wiggled the antenna switch to and from, but no
success. However, if I wont find the problem, I will take it to the
local JRC dealer for repair.

Take care and thanks again.

Jake

-----Original Message-----
From: ringmodulator99 [mailto:junkbox@...]
Sent: 19. mars 2004 16:23
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: NRD 535 WITH A RECEPTION PROBLEM

Hello Jake,

did you check the position of the antenna selectionswitch on the
backside?
Maybe wiggle it sometimes back and forth to ensure that the contacts
clean =
themselves a little bit.

Regards
Chris

--- In nrd-525-535@yahoogroups.com, "Jakob G Kolbeinsson" <jgk101@s...>
wro=
te:
> Hi, my name is Jake (resident of Iceland) and I am new to the group.
I
> just bought a a used NRD 535 that has a problem. It is not receive
> properly on any bands. I was able to pick up one transmission form a
> local LW station but the signal came in very low and I do have a fine
> long-wire antenna. It should have been reading S: 9+40 db, but read
S:
> 0-0.5 db. I know that the NRD was kept in storage for the past four
> years and the owner told me it had been functioning the last time he
> operated it. I jiggled the boards inside and replaced them back again
> in there original position without any change in the reception. Has
> anyone experienced any similar problem. Have a great weekend!
>
> Bestu kveðjur / best wishes
> Jake

Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

* To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com
<mailto:nrd-525-535-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service <http://docs.yahoo.com/info/terms/> .

<http://www.incredimail.com/redir.asp?ad_id=709&lang=9> IncrediMail -
Email has finally evolved -
<http://www.incredimail.com/redir.asp?ad_id=709&lang=9> Click Here

652. 525 PC control

Yahoo group: nrd-525-535
Date: 2004-03-20 08:01:15 UTC
From: dxnature
Topic: 652 Message: 652

Hi all,

I like to control my 525 with my pc. How can I do so. There is no RS-232 connection on the back of the radio. There are some other connections that are not used I think, but have to open the radio first to take a look around. Is there a simple pcb board available to retrofit in the radio? I can't find the original parts from JRC.

Greetz, Ron

653. Re: serial number question

Yahoo group: nrd-525-535
Date: 2004-03-20 14:26:56 UTC
From: dxnature
Topic: 640 Message: 653

Mine has s/n 48256 and detect a large amount of hiss in the audio
even when there is no sigal and it is tresent in the line out also.

Any suggestions on supressing this nasty audio flaw.

Greetz, Ron

--- In nrd-525-535@yahoogroups.com, Alberto di Bene <dibene@u...>
wrote:
> "Hans" <dxhunter.zeeuw@h...> wrote:
>
> >>-From which serial number of the nrd 525 the audio is (much)
better
> >>
>
> I am also quite interested in the answer to this question
> My NRD-525 has S/N 40665 and I am wondering which mods to the
audio
> and/or AGC
> this S/N has (if any) w.r.t. the early models. Thanks.
>
> Alberto I2PHD

654. RE: [nrd-525-535] Digest Number 276

Yahoo group: nrd-525-535
Date: 2004-03-20 18:34:37 UTC
From: Kris W. Field
Topic: 654 Message: 654

Yes. There was a board made for this. I've emailed a friend who may have one
that he isn't using.

Kris

-----Original Message-----
From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com]
Sent: Saturday, March 20, 2004 12:13 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Digest Number 276

There are 2 messages in this issue.

Topics in this digest:

1. 525 PC control
From: "dxnature" <dxnature@...>
2. Re: serial number question
From: "dxnature" <dxnature@...>

Message: 1
Date: Sat, 20 Mar 2004 08:01:15 -0000
From: "dxnature" <dxnature@...>
Subject: 525 PC control

Hi all,

I like to control my 525 with my pc. How can I do so. There is no RS-
232 connection on the back of the radio. There are some other
connections that are not used I think, but have to open the radio
first to take a look around. Is there a simple pcb board available
to retrofit in the radio? I can't find the original parts from JRC.

Greetz, Ron

Message: 2
Date: Sat, 20 Mar 2004 14:26:56 -0000
From: "dxnature" <dxnature@...>
Subject: Re: serial number question

Mine has s/n 48256 and detect a large amount of hiss in the audio
even when there is no sigal and it is tresent in the line out also.

Any suggestions on supressing this nasty audio flaw.

Greetz, Ron

--- In nrd-525-535@yahoogroups.com, Alberto di Bene <dibene@u...>
wrote:
> "Hans" <dxhunter.zeeuw@h...> wrote:
>
> >>-From which serial number of the nrd 525 the audio is (much)
better
> >>
>
> I am also quite interested in the answer to this question
> My NRD-525 has S/N 40665 and I am wondering which mods to the
audio
> and/or AGC
> this S/N has (if any) w.r.t. the early models. Thanks.
>
> Alberto I2PHD

Yahoo! Groups Links

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655. Re: [nrd-525-535] Re: serial number question

Yahoo group: nrd-525-535
Date: 2004-03-21 00:20:51 UTC
From: John Reed
Topic: 640 Message: 655

----- Original Message -----
From: dxnature
To: nrd-525-535@yahoogroups.com
Sent: Saturday, March 20, 2004 8:26 AM
Subject: [nrd-525-535] Re: serial number question

If you have an audio spectrum analyzer, look at the frequency of that hiss. If it peaks around 18 KHz it comes from the display switching power supply. The audio picks it up when it is routed to the front panel gain and tone controls. The best solution is to build a seperate display power supply. I have done this. It's a lot of work, but will make the receiver much quieter.

John Reed

Mine has s/n 48256 and detect a large amount of hiss in the audio
even when there is no sigal and it is tresent in the line out also.

Any suggestions on supressing this nasty audio flaw.

Greetz, Ron

656. Re: Digest Number 276

Yahoo group: nrd-525-535
Date: 2004-03-22 17:24:43 UTC
From: dxnature
Topic: 654 Message: 656

Thanks Kris, Let me now if there is still hope!

73's Ron

--- In nrd-525-535@yahoogroups.com, "Kris W. Field" <kfield@c...>
wrote:
> Yes. There was a board made for this. I've emailed a friend who
may have one
> that he isn't using.
>
> Kris
>
> -----Original Message-----
> From: nrd-525-535@yahoogroups.com [mailto:nrd-525-
535@yahoogroups.com]
> Sent: Saturday, March 20, 2004 12:13 PM
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] Digest Number 276
>
>
> There are 2 messages in this issue.
>
> Topics in this digest:
>
> 1. 525 PC control
> From: "dxnature" <dxnature@p...>
> 2. Re: serial number question
> From: "dxnature" <dxnature@p...>
>
>
>

>

>
> Message: 1
> Date: Sat, 20 Mar 2004 08:01:15 -0000
> From: "dxnature" <dxnature@p...>
> Subject: 525 PC control
>
> Hi all,
>
> I like to control my 525 with my pc. How can I do so. There is no

RS-
> 232 connection on the back of the radio. There are some other
> connections that are not used I think, but have to open the radio
> first to take a look around. Is there a simple pcb board available
> to retrofit in the radio? I can't find the original parts from JRC.
>
> Greetz, Ron
>
>
>
>

>

>
> Message: 2
> Date: Sat, 20 Mar 2004 14:26:56 -0000
> From: "dxnature" <dxnature@p...>
> Subject: Re: serial number question
>
> Mine has s/n 48256 and detect a large amount of hiss in the audio
> even when there is no sigal and it is tresent in the line out also.
>
> Any suggestions on supressing this nasty audio flaw.
>
> Greetz, Ron
>
>
> --- In nrd-525-535@yahoogroups.com, Alberto di Bene <dibene@u...>
> wrote:
> > "Hans" <dxhunter.zeeuw@h...> wrote:
> >
> > >>-From which serial number of the nrd 525 the audio is (much)
> better
> > >>
> >
> > I am also quite interested in the answer to this question
> > My NRD-525 has S/N 40665 and I am wondering which mods to the
> audio
> > and/or AGC
> > this S/N has (if any) w.r.t. the early models. Thanks.
> >
> > Alberto I2PHD
>
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> Yahoo! Groups Links
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657. CMF-78

Yahoo group: nrd-525-535
Date: 2004-03-23 11:23:42 UTC
From: Bjarne Mjelde
Topic: 657 Message: 657

I found this item on a German Ebay-auction. The seller claims that "...This unit can be mounted in JST-135 and NRD-525,535 etc". From what I know this is a 535 add-on which will not fit a 525. Can anyone confirm this? And what about the JST-135? The seller has an almost identical claim regaring another of his ebay items, the BWC unit CFL-243: "This unit can be mounted in JST-135 and NRD-Receivers".

Any comments, gentlemen?

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway

658. Re: [nrd-525-535] CMF-78

Yahoo group: nrd-525-535
Date: 2004-03-23 13:00:52 UTC
From: Per-Tore Aasestrand
Topic: 657 Message: 658

Tror du glemte peker til eBay auksjonen her?

At 12:23 23.03.2004, you wrote:
>I found this item on a German Ebay-auction. The seller claims
>that "...This unit can be mounted in JST-135 and NRD-525,535 etc".
> From what I know this is a 535 add-on which will not fit a 525. Can
>anyone confirm this? And what about the JST-135? The seller has an
>almost identical claim regaring another of his ebay items, the BWC
>unit CFL-243: "This unit can be mounted in JST-135 and NRD-
>Receivers".
>
>Any comments, gentlemen?
>
>Regards,
>Bjarne Mjelde
>Berlevag, Arctic Norway
>
>
>
>
>Yahoo! Groups Links
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+----------------------+-----------------------------+
Per-Tore Aasestrand	E-mail : ptaa@...
P.O. Box 1708 Nordnes	Voice : + 47 - 55 32 32 35
N-5816 Bergen, Norway	Mobile : + 47 - 92 04 44 76
+----------------------+-----------------------------+

659. NRD 535

Yahoo group: nrd-525-535
Date: 2004-03-23 16:07:38 UTC
From: jake_kolbeinsson
Topic: 516 Message: 659

Hi again, I am still having problems with my NRD who is not receiving any signal except the most strongest local LW station. I just found out from the previous owner that the rig may have been hooked up to a wire antenna during a thunderstorm which effected computer modems and such in the neighbourhood. I wonder if the problem lies in the RF board or, does anyone know if the NRD has any type of circut that protects the receiver from risky static and or electricity caused by thunderstorms or lightnings?? Please advise if you can think of any cure. I realy want to try to fix this myself before I make arrangents to take the receiver to a repair shop. They don´t come cheap. Thanks, Jake

660. Re: [nrd-525-535] CMF-78

Yahoo group: nrd-525-535
Date: 2004-03-23 18:53:51 UTC
From: axel.lehmann@t-online.de
Topic: 657 Message: 660

Hello Bjarne,

I saw this auction, too. The I/F looks very different from the CMH-532 for the NRD-525; but the picture is lousy. I would not recommend to give it a try.

Regards - Axel, DG3AL

661. Re: NRD 535

Yahoo group: nrd-525-535
Date: 2004-03-23 22:02:23 UTC
From: adibene
Topic: 516 Message: 661

--- In nrd-525-535@yahoogroups.com, "jake_kolbeinsson" <jgk101@s...>
wrote:
> I wonder if the problem lies in the RF board or, does anyone
> know if the NRD has any type of circut that protects the
> receiver from risky static and or electricity caused by
> thunderstorms or lightnings??

Jake,
don't know about the 535, but the 525 has a couple of diodes
connected in antiparallel at the input of the RF section. Maybe the
535 is similar. You could check whether one or both these diodes have
been made defective by a static discharge. Good luck.

73 Alberto I2PHD

662. Re: [nrd-525-535] NRD 535

Yahoo group: nrd-525-535
Date: 2004-03-24 00:15:42 UTC
From: John Reed
Topic: 516 Message: 662

----- Original Message -----
From: jake_kolbeinsson
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, March 23, 2004 10:07 AM
Subject: [nrd-525-535] NRD 535

I would start by removing the four diodes on the RF TUNE board that protect against voltage spikes. The receiver will operate fine without them, but you should replace them later. They are CD1, 2, 3 and 4 on the 525. If the receiver is still deaf, then try replacing the two 2SK125 FETS in the shielded box. These are TR1 and TR2 on the 525. If you can't find 2SK125s then J310 or U310 can be substituted, just make sure they are hooked up with S, G and D matching the schematic. The leads are not oriented the same. If it's still deaf, try replacing TR3 and TR4, same types. If that doesn't help, then seek a repairman.

Good luck, John Reed, KA5QEP

Hi again, I am still having problems with my NRD who is not
receiving any signal except the most strongest local LW station. I
just found out from the previous owner that the rig may have been
hooked up to a wire antenna during a thunderstorm which effected
computer modems and such in the neighbourhood. I wonder if the
problem lies in the RF board or, does anyone know if the NRD has any
type of circut that protects the receiver from risky static and or
electricity caused by thunderstorms or lightnings?? Please advise if
you can think of any cure. I realy want to try to fix this myself
before I make arrangents to take the receiver to a repair shop. They
don´t come cheap. Thanks, Jake

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

663. Re: [nrd-525-535] CMF-78

Yahoo group: nrd-525-535
Date: 2004-03-23 13:26:34 UTC
From: Bjarne Mjelde
Topic: 657 Message: 663

Jeg utelot den. Auksjonen som s?dan var jo ikke interessant, det som jeg ville vite var om opplysningene var korrekt. Uansett er det fort gjort ? s?ke seg fram til auksjonen.

Bjarne

P? Tue, 23 Mar 2004 14:00:52 +0100, skrev Per-Tore Aasestrand <ptaa@...>:

> Tror du glemte peker til eBay auksjonen her?
>
> At 12:23 23.03.2004, you wrote:
>> I found this item on a German Ebay-auction. The seller claims
>> that "...This unit can be mounted in JST-135 and NRD-525,535 etc".
>> From what I know this is a 535 add-on which will not fit a 525. Can
>> anyone confirm this? And what about the JST-135? The seller has an
>> almost identical claim regaring another of his ebay items, the BWC
>> unit CFL-243: "This unit can be mounted in JST-135 and NRD-
>> Receivers".
>>
>> Any comments, gentlemen?
>>
>> Regards,
>> Bjarne Mjelde
>> Berlevag, Arctic Norway
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>> Yahoo! Groups Links
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> +----------------------+------------------------------+
> | Per-Tore Aasestrand | E-mail : ptaa@... |
> | P.O. Box 1708 Nordnes | Voice : + 47 - 55 32 32 35 |
> | N-5816 Bergen, Norway | Mobile : + 47 - 92 04 44 76 |
> +----------------------+------------------------------+
>
>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:

> http://groups.yahoo.com/group/nrd-525-535/
>
> To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

--
From the world's northernmost DX-er
Bjarne Mjelde
Berlevag, Arctic Norway, 71N, 29E
www.kongsfjord.no

664. NRD 535 service manual

Yahoo group: nrd-525-535
Date: 2004-03-27 23:23:44 UTC
From: jake_kolbeinsson
Topic: 664 Message: 664

I apreciate the help from you all. This is a great site. I am still working on my NRD. Does anyone know where I could get a service manual for the 535 on the internet?? Have a great weekend.

665. NRD 535 service manual

Yahoo group: nrd-525-535
Date: 2004-03-27 23:25:47 UTC
From: jake_kolbeinsson
Topic: 664 Message: 665

I apreciate the help from you all. This is a great site. I am still working on my NRD. Does anyone know where I could get a service manual for the 535 on the internet?? Have a great weekend.

666. RE: [nrd-525-535] NRD 535 service manual

Yahoo group: nrd-525-535
Date: 2004-03-28 00:43:09 UTC
From: Al Bolton
Topic: 664 Message: 666

I have a paper copy of the service manual and it's large! If you need anything from it let me know. I could photocopy it but it would not be cheap with postage, etc, but let me know. Otherwise, I have not found the manual anywhere on the 'Net for downloading but there are a couple of places where you can purchase it - it's not cheap!

Al Bolton, G4VSQ
http://www.reading-city.net/Vintage_Radios

-----Original Message-----
From: jake_kolbeinsson [mailto:jgk101@...]
Sent: Saturday, March 27, 2004 11:26 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] NRD 535 service manual

I apreciate the help from you all. This is a great site. I am still working on my NRD. Does anyone know where I could get a service manual for the 535 on the internet?? Have a great weekend.

667. RE: [nrd-525-535] NRD 535 service manual

Yahoo group: nrd-525-535
Date: 2004-03-29 17:51:37 UTC
From: Jim Irwin
Topic: 664 Message: 667

I bought one on eBay a couple of years ago. It was a photocopy
but the quality was excellent. I had a look and the seller is still
active on eBay. Their ID is "agis_treasures". They aren't offering
any manuals for sale right now but if you search that ID on eBay
you can email them and ask if they can make you a copy. I think
I paid $25 plus a couple of bucks for shipping.

At 12:43 AM 28/03/2004 +0000, you (Al Bolton) wrote:
>I have a paper copy of the service manual and it's large! If you need
>anything from it let me know. I could photocopy it but it would not be cheap
>with postage, etc, but let me know. Otherwise, I have not found the manual
>anywhere on the 'Net for downloading but there are a couple of places where
>you can purchase it - it's not cheap!
>
>Al Bolton, G4VSQ
>http://www.reading-city.net/Vintage_Radios
>
>-----Original Message-----
>From: jake_kolbeinsson [mailto:jgk101@...]
>Sent: Saturday, March 27, 2004 11:26 PM
>To: nrd-525-535@yahoogroups.com
>Subject: [nrd-525-535] NRD 535 service manual
>
>
>I apreciate the help from you all. This is a great site. I am still
>working on my NRD. Does anyone know where I could get a service
>manual for the 535 on the internet?? Have a great weekend.
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>Yahoo! Groups Links
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--
Jim Irwin <jirwin@...>
Pritchard, BC Canada
PGP Key ID: EBE5CCF5 Key available on most public key servers

668. RE: [nrd-525-535] NRD 535 service manual

Yahoo group: nrd-525-535
Date: 2004-03-29 18:07:34 UTC
From: Jakob G Kolbeinsson
Topic: 664 Message: 668

Thank you Jim, I am going to email this person. R/Jake

-----Original Message-----
From: Jim Irwin [mailto:jirwin@...]
Sent: 29. mars 2004 17:52
To: nrd-525-535@yahoogroups.com
Subject: RE: [nrd-525-535] NRD 535 service manual

I bought one on eBay a couple of years ago. It was a photocopy
but the quality was excellent. I had a look and the seller is still
active on eBay. Their ID is "agis_treasures". They aren't offering
any manuals for sale right now but if you search that ID on eBay
you can email them and ask if they can make you a copy. I think
I paid $25 plus a couple of bucks for shipping.

At 12:43 AM 28/03/2004 +0000, you (Al Bolton) wrote:
>I have a paper copy of the service manual and it's large! If you need
>anything from it let me know. I could photocopy it but it would not be
cheap
>with postage, etc, but let me know. Otherwise, I have not found the
manual
>anywhere on the 'Net for downloading but there are a couple of places
where
>you can purchase it - it's not cheap!
>
>Al Bolton, G4VSQ
>http://www.reading-city.net/Vintage_Radios
>
>-----Original Message-----
>From: jake_kolbeinsson [mailto:jgk101@...]
>Sent: Saturday, March 27, 2004 11:26 PM
>To: nrd-525-535@yahoogroups.com
>Subject: [nrd-525-535] NRD 535 service manual
>
>
>I apreciate the help from you all. This is a great site. I am still
>working on my NRD. Does anyone know where I could get a service
>manual for the 535 on the internet?? Have a great weekend.
>
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>
>Yahoo! Groups Links
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>

--
Jim Irwin <jirwin@...>
Pritchard, BC Canada
PGP Key ID: EBE5CCF5 Key available on most public key servers

---

Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

* To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com
<mailto:nrd-525-535-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service <http://docs.yahoo.com/info/terms/> .

669. Re: [nrd-525-535] NRD 535 WITH A RECEPTION PROBLEM

Yahoo group: nrd-525-535
Date: 2004-03-30 14:46:36 UTC
From: Raj
Topic: 649 Message: 669

Jake,

Assuming that the Rx was stored for a long time and then switched
on. I would presume that some electrolytic capacitor has failed. Please
check voltages at every stage (starting from the antenna end), when you
find a stage with no voltage at the collector / Drain, desolder the power
supply bypass capacitor(s) and see if the voltage come back..

Alternatively check by touching resistors, a very hot one will
tell you that one end of it may be shorted to ground.. usually by a capacitor.

I have not seen a 535 schematic, this is my generic method to
check any rig.

Regards
Raj vu2zap

>Hi, my name is Jake (resident of Iceland) and I am new to the group. I
>just bought a a used NRD 535 that has a problem. It is not receive
>properly on any bands. I was able to pick up one transmission form a
>local LW station but the signal came in very low and I do have a fine
>long-wire antenna. It should have been reading S: 9+40 db, but read S:
>0-0.5 db. I know that the NRD was kept in storage for the past four years
>and the owner told me it had been functioning the last time he operated
>it. I jiggled the boards inside and replaced them back again in there
>original position without any change in the reception. Has anyone
>experienced any similar problem. Have a great weekend!
>
>Bestu kveðjur / best wishes
>Jake

670. NRD 535 FIIXED

Yahoo group: nrd-525-535
Date: 2004-04-06 17:26:28 UTC
From: jake_kolbeinsson
Topic: 670 Message: 670

Hi all! Well, as you know, I had big problems with my my 535. The receiver was not getting any signals most likely due to un-wanted static which led into the receiver due to a thunderstorm. The problem solving soulution was to change the resistors marked L1 and L2 near the antenna input. A componet number T7.8 LHJD384 was also changed and BINGO everything opened up. I want to use this oportunity to thak all of you who assisted me with great inputs and advise. This group is unique!! Jake in Iceland

671. Re: [nrd-525-535] NRD 535 FIIXED

Yahoo group: nrd-525-535
Date: 2004-04-07 01:37:59 UTC
From: Brian Denley
Topic: 670 Message: 671

jake_kolbeinsson wrote:
> Hi all! Well, as you know, I had big problems with my my 535. The
> receiver was not getting any signals most likely due to un-wanted
> static which led into the receiver due to a thunderstorm. The
> problem solving soulution was to change the resistors marked L1 and
> L2 near the antenna input. A componet number T7.8 LHJD384 was also
> changed and BINGO everything opened up. I want to use this
> oportunity to thak all of you who assisted me with great inputs and
> advise. This group is unique!! Jake in Iceland
>
Great news Jake! Good luck with your 535.

Brian Denley
http://home.comcast.net/~b.denley/index.html

672. SPARE PART FOR MY NRD 535

Yahoo group: nrd-525-535
Date: 2004-04-09 22:28:24 UTC
From: jake_kolbeinsson
Topic: 672 Message: 672

Hi all,
Once again I need you advise, I need to order a part from the States for my 535. This part is LHJD384 marked #T7 on the CFL-287 RF Tune Board. Can you recommend a service/repair Rep I could look up on the INTERNET and order this part from? Thanks again. Jake in Iceland.

673. CMK-165 UHF/VHF

Yahoo group: nrd-525-535
Date: 2004-04-12 07:36:51 UTC
From: swlbdxc
Topic: 673 Message: 673

Hello all,

I'm looking for the UHF/VHF converter card CHE-85/CGH-118 for the NRD-525. It was sold as option # CMK-165.

As I bought my NRD-525 recently (march 2004) and a new CMH-532 interface via eBay I am still looking for software to control the rig. Can anyone please provide me with the software I need?

Thanks in advance,
Johan Habing
http://members.home.nl/swl

674. Re: [nrd-525-535] CMK-165 UHF/VHF

Yahoo group: nrd-525-535
Date: 2004-04-12 09:54:35 UTC
From: axel.lehmann@t-online.de
Topic: 673 Message: 674

Hello Johan,

if you look for software for the NRD-525 I recommend Gregor Behrs site
http://www.trifid-nebula.de/nrd525/homenrd.htm

Regards - Axel, DG3AL

675. RE: [nrd-525-535] CMK-165 UHF/VHF

Yahoo group: nrd-525-535
Date: 2004-04-12 10:03:42 UTC
From: BDXC 3960 Johan Habing
Topic: 673 Message: 675

Hallo Axel,

Frohe Ostern!

Ich habe zeit mehrere tagen versucht die file NRD_V113.ZIP zu
downloaden. Dann bekomm
Ich aber ein fehler vom server. E-mails and Gregor Behrs wurden bisher
noch nicht beantwortet.
Kanns du vielleicht den file downloaden und per e-mail senden?

73,
Johan

BDXC 3960 (<http://www.bdxc.nl/> www.bdxc.nl)
E-mail <mailto:swl@...> swl@...
Homepage http://members.home.nl/swl

-----Oorspronkelijk bericht-----
Van: axel.lehmann@... [mailto:axel.lehmann@...]
Verzonden: maandag 12 april 2004 11:55
Aan: nrd-525-535@yahoogroups.com
Onderwerp: Re: [nrd-525-535] CMK-165 UHF/VHF

Hello Johan,

if you look for software for the NRD-525 I recommend Gregor Behrs site
http://www.trifid-nebula.de/nrd525/homenrd.htm

Regards - Axel, DG3AL

Yahoo! Groups Links
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676. Re: CMK-165 UHF/VHF

Yahoo group: nrd-525-535
Date: 2004-04-12 16:22:43 UTC
From: ringmodulator99
Topic: 673 Message: 676

Hallo Johann,

versuche es mal hier:

http://www.trifid-nebula.de/nrd525/files/nrd_v111.zip

Das scheint die neueste Version in:

http://www.trifid-nebula.de/nrd525/files/

zu sein.

Gruß aus Köln
Chris,
DJ0MDJ

--- In nrd-525-535@yahoogroups.com, "BDXC 3960 Johan Habing"
<swl@h...> wrote:
> Hallo Axel,
>
> Frohe Ostern!
>
> Ich habe zeit mehrere tagen versucht die file NRD_V113.ZIP zu
> downloaden. Dann bekomm
> Ich aber ein fehler vom server. E-mails and Gregor Behrs wurden
bisher
> noch nicht beantwortet.
> Kanns du vielleicht den file downloaden und per e-mail senden?
>
> 73,
> Johan
>
> BDXC 3960 (<http://www.bdxc.nl/> www.bdxc.nl)
> E-mail <mailto:swl@h...> swl@h...
> Homepage http://members.home.nl/swl
>
>
>
> -----Oorspronkelijk bericht-----
> Van: axel.lehmann@t... [mailto:axel.lehmann@t...]
> Verzonden: maandag 12 april 2004 11:55
> Aan: nrd-525-535@yahoogroups.com
> Onderwerp: Re: [nrd-525-535] CMK-165 UHF/VHF
>
> Hello Johan,
>
> if you look for software for the NRD-525 I recommend Gregor Behrs

site
> http://www.trifid-nebula.de/nrd525/homenrd.htm
>
> Regards - Axel, DG3AL
>
>
> _____
>
> Yahoo! Groups Links
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>
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677. Re: software for NRD-525

Yahoo group: nrd-525-535
Date: 2004-04-12 20:43:04 UTC
From: Spencer Carter
Topic: 677 Message: 677

I use Shorwave Log to control my NRD-525. It's free and full of features . . .
http://www.shortwavelog.com/

Spence

678. Making a loop antenna

Yahoo group: nrd-525-535
Date: 2004-04-12 21:19:03 UTC
From: Luckydaze
Topic: 678 Message: 678

Hi

I'm pretty new to shortwave. Have a Kenwood r-5000 and will have a NRD-525 tomorrow.

I need to understand what you do with the two ends of the wire you have left after winding it around the support when making a loop antenna.

Now say I'm not using a capacitor or tuner with my loop. All I want is a simple loop ant. Now, does one end of the wire go to the receiver ant and the other end to the ground if I don't use a PL.259?

Now this is all one piece of wire. Won't it short out? Should it be gapped somewhere? Or say I use a 259. If I solder the two ends to the 259, won't it just short out since it's just one long wire?

I seem to be not understanding how the two ends of wire you have left after winding get hooked up the receiver properly.

Any help is appreciated cause I'm lost here. Not the how to do explain and how how the wires are hooked up right.

Thanks
Glenn

679. OT: T2FD Antenna

Yahoo group: nrd-525-535
Date: 2004-04-13 04:29:59 UTC
From: luckydaze_2000
Topic: 679 Message: 679

Hi there

I'm a new member from FLorida USA. I just started with shortwave a couple months ago. I have a Yaesu 7700, a Kenwood R-5000 and a NRD 525 that I willhave tomorrow.

OK, I live on the 23 rd floor of a building. My terrace space is limited to
say 20ft or so. The radon wire is OK but lots of noise. A dipole 20 ft in lenght was not that much better. I even tried a 16:1 balun for the heck of it but no joy. I'm ready to try a T2FD if I can.

Now, is it possible to build a small scale T2FD about 20 ft long that will work?? Would it work?

Also, they say I need a 390 Ohm .5 to 1 watt non wire bound carbon non conductive resistor. Does anyone know where I can buy one? Are they cheap?

I can get my hands on six 175 Ohm carbon non conductive resistors that were used in a military rhombic antenna. I don't know the wattage.

They say "RR 115 175" on them. Can I used two for 350 ohms and get away with it with 300 Ohm twinlead??

So what do you think of small scale 20 ft long T2FD on my terrace??

Thank you
Glenn

680. NRD 525 Manual

Yahoo group: nrd-525-535
Date: 2004-04-13 04:30:53 UTC
From: luckydaze_2000
Topic: 680 Message: 680

Does anyone know where the operating manual can be downloaded from?

Thanks
Glenn

681. Re: [nrd-525-535] OT: T2FD Antenna

Yahoo group: nrd-525-535
Date: 2004-04-13 04:47:02 UTC
From: aidehua@aol.com
Topic: 679 Message: 681

You're better off with an Active Antenna, like the Dressler....

682. RE: [nrd-525-535] Making a loop antenna

Yahoo group: nrd-525-535
Date: 2004-04-13 06:35:42 UTC
From: BDXC 3960 Johan Habing
Topic: 678 Message: 682

Glenn,

Have a look at http://www.frontiernet.net/~jadale/Loop.htm
here you can probably find all the info about loop antenna's you need.

73,
Johan

-----Oorspronkelijk bericht-----
Van: Luckydaze [mailto:luckydaze69@...]
Verzonden: maandag 12 april 2004 23:19
Aan: nrd-525-535@yahoogroups.com
Onderwerp: [nrd-525-535] Making a loop antenna

Hi

I'm pretty new to shortwave. Have a Kenwood r-5000 and will have a
NRD-525 tomorrow.

I need to understand what you do with the two ends of the wire you have
left after winding it around the support when making a loop antenna.

Now say I'm not using a capacitor or tuner with my loop. All I want is a
simple loop ant. Now, does one end of the wire go to the receiver ant
and the other end to the ground if I don't use a PL.259?

Now this is all one piece of wire. Won't it short out? Should it be
gapped somewhere? Or say I use a 259. If I solder the two ends to the
259, won't it just short out since it's just one long wire?

I seem to be not understanding how the two ends of wire you have left
after winding get hooked up the receiver properly.

Any help is appreciated cause I'm lost here. Not the how to do explain
and how how the wires are hooked up right.

Thanks
Glenn

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683. RE: [nrd-525-535] OT: T2FD Antenna

Yahoo group: nrd-525-535
Date: 2004-04-13 06:49:47 UTC
From: BDXC 3960 Johan Habing
Topic: 679 Message: 683

Glenn,

For small space you could probably better use an active outdoor antenna
for HF.
Have a look at http://www.wellbrook.uk.com
<http://www.wellbrook.uk.com/> the ALA1530 might be the right
choice for your space problem. There is an indoor version too.

73,
Johan Habing
SWL 3960 (www.bdxc.nl <http://www.bdxc.nl/>)
E-mail <mailto:swl@...> swl@...
Homepage <http://members.home.nl/swl> http://members.home.nl/swl

684. RE: [nrd-525-535] NRD 525 Manual

Yahoo group: nrd-525-535
Date: 2004-04-13 06:53:15 UTC
From: BDXC 3960 Johan Habing
Topic: 680 Message: 684

The manual can be downloaded from the files section of
this group http://groups.yahoo.com/group/nrd-525-535/

73,
Johan Habing
SWL 3960 (www.bdxc.nl <http://www.bdxc.nl/>)
E-mail <mailto:swl@...> swl@...
Homepage <http://members.home.nl/swl> http://members.home.nl/swl

685. RE: [nrd-525-535] OT: T2FD Antenna

Yahoo group: nrd-525-535
Date: 2004-04-13 07:24:16 UTC
From: Al Bolton
Topic: 679 Message: 685

Glenn,

Don't bother with the T2FD. I recommend the Wellbrook active loop model ALA-1530 highly, writing as a long-term user. It's small, has good performance and allows LF to HF coverage. It's also less affected by nasty noise sources compared to an active whip type of aerial, which can be a big problem if you live in a flat. Here's their Web site:

http://www.wellbrook.uk.com/

They will ship to the US, as I assume that's where you are.

Al Bolton, G4VSQ
http://homepage.ntlworld.com/al.bolton Coming soon!

-----Original Message-----
From: luckydaze_2000 [mailto:luckydaze69@...]
Sent: Tuesday, April 13, 2004 5:30 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] OT: T2FD Antenna

Hi there

I'm a new member from FLorida USA. I just started with shortwave a couple months ago. I have a Yaesu 7700, a Kenwood R-5000 and a NRD 525 that I willhave tomorrow.

OK, I live on the 23 rd floor of a building. My terrace space is limited to
say 20ft or so. The radon wire is OK but lots of noise. A dipole 20 ft in lenght was not that much better. I even tried a 16:1 balun for the heck of it but no joy. I'm ready to try a T2FD if I can.

Now, is it possible to build a small scale T2FD about 20 ft long that will work?? Would it work?

Also, they say I need a 390 Ohm .5 to 1 watt non wire bound carbon non conductive resistor. Does anyone know where I can buy one? Are they cheap?

I can get my hands on six 175 Ohm carbon non conductive resistors that were used in a military rhombic antenna. I don't know the wattage.

They say "RR 115 175" on them. Can I used two for 350 ohms and get away with it with 300 Ohm twinlead??

So what do you think of small scale 20 ft long T2FD on my terrace??

Thank you
Glenn

686. New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-13 22:51:20 UTC
From: Luckydaze
Topic: 686 Message: 686

Hi just got a NRD 525 today. Looks real nice. Problem is, the S-meter is never on 1, always shows a signal, and does not increase or decrease with signal strength. Only thing that affects it is when I move the AF Gain.
When the AF gain is complately off or counterclockwise, the S-meter reads red +50db. This can't be right.

Why doesn't S-Meter read zero or 1 when no signal is present? I'm lost here.

687. RE: [nrd-525-535] New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-13 22:58:25 UTC
From: Jakob G Kolbeinsson
Topic: 686 Message: 687

Check the AGC and RF control settings. Good luck!

73´s Jake

-----Original Message-----
From: Luckydaze [mailto:luckydaze69@...]
Sent: 13. apríl 2004 22:51
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] New 525 Questions

Hi just got a NRD 525 today. Looks real nice. Problem is, the S-meter is never on 1, always shows a signal, and does not increase or decrease with signal strength. Only thing that affects it is when I move the AF Gain.
When the AF gain is complately off or counterclockwise, the S-meter reads red +50db. This can't be right.

Why doesn't S-Meter read zero or 1 when no signal is present? I'm lost here.

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688. Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-13 23:10:47 UTC
From: luckydaze_2000
Topic: 686 Message: 688

Ok seems to be Ok now. Turned it on and off and it came up right.
The only I've noticed so far is a "ghost" marker on the S-Meter that
moves opposite of the original marker. Has anyone else noticed this
before on your rig??

So far I like the 525 a lot. AUX is pretty wide. Decent audio.

--- In nrd-525-535@yahoogroups.com, "Jakob G Kolbeinsson"
<jgk101@s...> wrote:
> Check the AGC and RF control settings. Good luck!
>
> 73´s Jake
>
>
>
>
> -----Original Message-----
> From: Luckydaze [mailto:luckydaze69@h...]
> Sent: 13. apríl 2004 22:51
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] New 525 Questions
>
>
> Hi just got a NRD 525 today. Looks real nice. Problem is, the S-
meter is
> never on 1, always shows a signal, and does not increase or
decrease
> with signal strength. Only thing that affects it is when I move
the AF
> Gain.
> When the AF gain is complately off or counterclockwise, the S-meter
> reads red +50db. This can't be right.
>
> Why doesn't S-Meter read zero or 1 when no signal is present? I'm
lost
> here.
>
>
>
>
> _____
>
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689. Re: [nrd-525-535] New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-13 23:27:35 UTC
From: John Reed
Topic: 686 Message: 689

----- Original Message -----
From: Luckydaze
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, April 13, 2004 5:51 PM
Subject: [nrd-525-535] New 525 Questions

First of all, make sure the AGC is not turned off. The S meter is reading the AGC voltage and if the AGC is off, is only controlled by the RF (not AF) gain. When you have the RF gain on minimum (counterclockwise) the voltage is maximum and you get a high S meter reading. When you have the RF gain set to maximum the AGC voltage should be near zero, but may show a small reading just from noise. This is normal.

John Reed

Hi just got a NRD 525 today. Looks real nice. Problem is, the S-meter is never on 1, always shows a signal, and does not increase or decrease with signal strength. Only thing that affects it is when I move the AF Gain.
When the AF gain is complately off or counterclockwise, the S-meter reads red +50db. This can't be right.

Why doesn't S-Meter read zero or 1 when no signal is present? I'm lost here.

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http://groups.yahoo.com/group/nrd-525-535/

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690. Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-13 23:49:08 UTC
From: luckydaze_2000
Topic: 686 Message: 690

Ok thanks. To tell the truth it looks like I got the RF and SG positions mixed up.

Yes it never sits at 1 always 2 at least.

What concerns me is the tuning knob feels somewhat stiff. If I have my finger in the middle of the tuning knob and slowly turn it, it feels hard to move at some points. Very rough, not smooth. It only feels smooth if moving very fast. Is this normal? I would think it move smoothly no matter how slow you turn it.

Any tests you guys can think of to make sure all is right with it? So far seems OK. Serial number is 48829

--- In nrd-525-535@yahoogroups.com, "John Reed" <jreed@a...> wrote:
>
> ----- Original Message -----
> From: Luckydaze
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, April 13, 2004 5:51 PM
> Subject: [nrd-525-535] New 525 Questions
>
> First of all, make sure the AGC is not turned off. The S meter is reading the AGC voltage and if the AGC is off, is only controlled by the RF (not AF) gain. When you have the RF gain on minimum (counterclockwise) the voltage is maximum and you get a high S meter reading. When you have the RF gain set to maximum the AGC voltage should be near zero, but may show a small reading just from noise. This is normal.
>
> John Reed
>
>
> Hi just got a NRD 525 today. Looks real nice. Problem is, the S-meter is never on 1, always shows a signal, and does not increase or decrease with signal strength. Only thing that affects it is when I move the AF Gain.
> When the AF gain is complately off or counterclockwise, the S-meter reads red +50db. This can't be right.
>
> Why doesn't S-Meter read zero or 1 when no signal is present? I'm lost here.
>
>
>
>

> --

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of Service.

691. Re: OT: T2FD Antenna

Yahoo group: nrd-525-535
Date: 2004-04-14 00:10:33 UTC
From: luckydaze_2000
Topic: 679 Message: 691

Looks good. I could put it on my terrace and hook up a small pulley
and rope to turn it from the window.

--- In nrd-525-535@yahoogroups.com, "Al Bolton" <al.bolton@n...>
wrote:
> Glenn,
>
> Don't bother with the T2FD. I recommend the Wellbrook active loop
model
> ALA-1530 highly, writing as a long-term user. It's small, has good
> performance and allows LF to HF coverage. It's also less affected
by nasty
> noise sources compared to an active whip type of aerial, which can
be a big
> problem if you live in a flat. Here's their Web site:
>
> http://www.wellbrook.uk.com/
>
> They will ship to the US, as I assume that's where you are.
>
> Al Bolton, G4VSQ
> http://homepage.ntlworld.com/al.bolton Coming soon!
>
>
> -----Original Message-----
> From: luckydaze_2000 [mailto:luckydaze69@h...]
> Sent: Tuesday, April 13, 2004 5:30 AM
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] OT: T2FD Antenna
>
>
> Hi there
>
> I'm a new member from FLorida USA. I just started with shortwave a
> couple months ago. I have a Yaesu 7700, a Kenwood R-5000 and a NRD
> 525 that I willhave tomorrow.
>
> OK, I live on the 23 rd floor of a building. My terrace space is
> limited to
> say 20ft or so. The radon wire is OK but lots of noise. A dipole 20
> ft in lenght was not that much better. I even tried a 16:1 balun
for
> the heck of it but no joy. I'm ready to try a T2FD if I can.
>
> Now, is it possible to build a small scale T2FD about 20 ft long

> that will work?? Would it work?
>
> Also, they say I need a 390 Ohm .5 to 1 watt non wire bound carbon
> non conductive resistor. Does anyone know where I can buy one? Are
> they cheap?
>
> I can get my hands on six 175 Ohm carbon non conductive resistors
> that were used in a military rhombic antenna. I don't know the
> wattage.
>
> They say "RR 115 175" on them. Can I used two for 350 ohms and get
> away with it with 300 Ohm twinlead??
>
> So what do you think of small scale 20 ft long T2FD on my terrace??
>
> Thank you
> Glenn

692. Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-14 00:39:34 UTC
From: luckydaze_2000
Topic: 686 Message: 692

I'd like to take the knob off and move it forward a tad. Does anyoe know if you need a hex or a mini screwdriver to take the knob off??

Glenn

--- In nrd-525-535@yahoogroups.com, "John Reed" <jreed@a...> wrote:
>
> ----- Original Message -----
> From: Luckydaze
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, April 13, 2004 5:51 PM
> Subject: [nrd-525-535] New 525 Questions
>
> First of all, make sure the AGC is not turned off. The S meter is reading the AGC voltage and if the AGC is off, is only controlled by the RF (not AF) gain. When you have the RF gain on minimum (counterclockwise) the voltage is maximum and you get a high S meter reading. When you have the RF gain set to maximum the AGC voltage should be near zero, but may show a small reading just from noise. This is normal.
>
> John Reed
>
>
> Hi just got a NRD 525 today. Looks real nice. Problem is, the S-meter is never on 1, always shows a signal, and does not increase or decrease with signal strength. Only thing that affects it is when I move the AF Gain.
> When the AF gain is complately off or counterclockwise, the S-meter reads red +50db. This can't be right.
>
> Why doesn't S-Meter read zero or 1 when no signal is present? I'm lost here.
>
>
>
>
> --
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/nrd-525-535/
>
> b.. To unsubscribe from this group, send an email to:

> nrd-525-535-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
of Service.

693. RE: [nrd-525-535] New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-14 07:04:22 UTC
From: BDXC 3960 Johan Habing
Topic: 686 Message: 693

According the instruction manual the RF gain ordinarily is turned fully clockwise. This control is used to adjust the gain of the 1st and 2nd IF amplifiers. When you turn it fully clockwise the gain is maximum and decreases gradually when turned counter clockwise. At the same time the S meter begins to deflect. When the S meter indicates S9 the total gain of the 1st and 2nd amplifier is attenuated by about 40 dB.
When the RF gain is turned fully counter clockwise neither receiving signal nor noise can be heard. Then the S meter will not move because it has reached the limit. If you are receiving a very strong signal, set the RF gain at a value equivalent or little smaller than the reading of the S meter for the best audio results. So it is normal behave of the S meter you experienced.

73,
Johan Habing
BDXC 3960
E-mail <mailto:swl@...> swl@...
Homepage http://members.home.nl/swl

694. Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-14 12:21:06 UTC
From: luckydaze_2000
Topic: 686 Message: 694

Thank you you are very helpful. I found this in the manual
afterwards. Tell me this please. I seem to have a "ghost" marker on
the S-meter besides the normal one. It moves in opposite direction
of the normal one. Do you have this on yours?

BTW, would you know how to remove the knob on the 525? I can't find
anything to remove or unscrew it.

Thanks
Glenn

--- In nrd-525-535@yahoogroups.com, "BDXC 3960 Johan Habing"
<swl@h...> wrote:
>
> According the instruction manual the RF gain ordinarily is turned
fully
> clockwise. This control is used to adjust the gain of the 1st and
2nd IF
> amplifiers. When you turn it fully clockwise the gain is maximum
and
> decreases gradually when turned counter clockwise. At the same time
> the S meter begins to deflect. When the S meter indicates S9 the
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> gain of the 1st and 2nd amplifier is attenuated by about 40 dB.
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> signal nor noise can be heard. Then the S meter will not move
because
> it has reached the limit. If you are receiving a very strong
signal, set
> the RF gain at a value equivalent or little smaller than the
reading of
> the S meter for the best audio results. So it is normal behave of
the S
> meter you experienced.
>
> 73,
> Johan Habing
> BDXC 3960
> E-mail <mailto:swl@h...> swl@h...
> Homepage http://members.home.nl/swl

695. RE: [nrd-525-535] Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-14 12:42:55 UTC
From: BDXC 3960 Johan Habing
Topic: 686 Message: 695
Attachments: 1 described; binary payloads are missing from this source WARC

Glenn,

According the service manual there is a hole (see the photo I enclosed)
in the tuning knob
where a screw is fitted. You need a 1,5 mm screwdriver to remove the
knob.

73,

Johan Habing
SWL BDXC 3960 (www.bdxc.nl <http://www.bdxc.nl/>)
E-mail swl@...
Homepage http://members.home.nl <http://members.home.nl/>

Johan Habing

696. Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-14 12:59:33 UTC
From: luckydaze_2000
Topic: 686 Message: 696

Ok
I'll pick one up today. I asked a buddy about why the tuning knob seems stiff, amd from from his years of experience without seeing the unit, he thinks the grease on the ball bearing of the tuning knob have freezed up. He says the eintire assembly needs to be taken apart, the grease removed and new grease added. I'm pretty surprised. My serial number, 48829 is not such a old unit as some. I would expect the ball bearing to be sealed so this doesn't happen. Don't know what to do from here.

Thanks
Glenn

--- In nrd-525-535@yahoogroups.com, "BDXC 3960 Johan Habing" <swl@h...> wrote:
> Glenn,
>
> According the service manual there is a hole (see the photo I enclosed)
> in the tuning knob
> where a screw is fitted. You need a 1,5 mm screwdriver to remove the
> knob.
>
> 73,
>
> Johan Habing
> SWL BDXC 3960 (www.bdxc.nl <http://www.bdxc.nl/>)
> E-mail swl@h...
> Homepage http://members.home.nl <http://members.home.nl/>
>
>
> Johan Habing

697. RE: [nrd-525-535] Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-14 13:00:24 UTC
From: BDXC 3960 Johan Habing
Topic: 686 Message: 697

Glenn,

About the ghost markers on the S meter. The S meter on my NRD-525
behaves the same way.
I think this behaviour is quite normal because the level of the S meter
is processed by a microcomputer
that prepares data necessary for indication. There might be a minor
division correction at some levels
to the nearest lower level of the gain.

I hope you understand my poor English.

73,

Johan Habing
SWL BDXC 3960 (www.bdxc.nl <http://www.bdxc.nl/>)
E-mail <mailto:swl@...> swl@...
Homepage <http://members.home.nl/> http://members.home.nl

698. Re: [nrd-525-535] Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-14 13:48:45 UTC
From: John Reed
Topic: 686 Message: 698

----- Original Message -----
From: luckydaze_2000
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, April 14, 2004 7:21 AM
Subject: [nrd-525-535] Re: New 525 Questions

You need a 1.5 mm hex driver.

John Reed

Thank you you are very helpful. I found this in the manual
afterwards. Tell me this please. I seem to have a "ghost" marker on
the S-meter besides the normal one. It moves in opposite direction
of the normal one. Do you have this on yours?

BTW, would you know how to remove the knob on the 525? I can't find
anything to remove or unscrew it.

Thanks
Glenn

--- In nrd-525-535@yahoogroups.com, "BDXC 3960 Johan Habing"
<swl@h...> wrote:
>
> According the instruction manual the RF gain ordinarily is turned
fully
> clockwise. This control is used to adjust the gain of the 1st and
2nd IF
> amplifiers. When you turn it fully clockwise the gain is maximum
and
> decreases gradually when turned counter clockwise. At the same time
> the S meter begins to deflect. When the S meter indicates S9 the
total
> gain of the 1st and 2nd amplifier is attenuated by about 40 dB.
> When the RF gain is turned fully counter clockwise neither
receiving
> signal nor noise can be heard. Then the S meter will not move
because
> it has reached the limit. If you are receiving a very strong
signal, set
> the RF gain at a value equivalent or little smaller than the
reading of
> the S meter for the best audio results. So it is normal behave of
the S
> meter you experienced.
>

> 73,
> Johan Habing
> BDXC 3960
> E-mail <mailto:swl@h...> swl@h...
> Homepage http://members.home.nl/swl

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
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699. Re: [nrd-525-535] Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-14 19:05:38 UTC
From: Steve Boden
Topic: 686 Message: 699

Hi
I can confirm that the knob on the '525 is secured with a grub screw
that takes a 1.5mm hex wrench, It's not a good idea to try and
disassemble the bearing assy as this is part of the rotary encoder, you
could try and spray a little lubricant down the side of the shaft once
you have removed the tuning knob.
the rotary encoder can be removed but the top and bottom covers need
to be removed and then the front panel assy, the rotary encoder is
secured by a large nut like those on a potentiometer, to the fibreglass
control panel PCB, the wires go to a plug that plugs into a socket on
the back of the PCB, be careful about what you squirt in to the encoder
because it is an optical unit and if any part of the optical path is
obscured then it will no longer function.
this is really a great piece of kit, mine was dropped on to it's face
from a great height before I bought it, with a new rotary encoder fitted
it is now fully functional without the plastic front panel moulding,
(anyone rate my chances of getting a new one?),
good luck with yours.

Steve G4XCK

John Reed wrote:

>
>
> ----- Original Message -----
> From: luckydaze_2000
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, April 14, 2004 7:21 AM
> Subject: [nrd-525-535] Re: New 525 Questions
>
> You need a 1.5 mm hex driver.
>
> John Reed
> Thank you you are very helpful. I found this in the manual
> afterwards. Tell me this please. I seem to have a "ghost"
> marker on
> the S-meter besides the normal one. It moves in opposite
> direction
> of the normal one. Do you have this on yours?
>
> BTW, would you know how to remove the knob on the 525? I
> can't find
> anything to remove or unscrew it.
>
> Thanks

> Glenn
>
>
>
>
> --- In nrd-525-535@yahoogroups.com, "BDXC 3960 Johan Habing"
>
> <swl@h...> wrote:
> >
> > According the instruction manual the RF gain ordinarily is
> turned
> fully
> > clockwise. This control is used to adjust the gain of the
> 1st and
> 2nd IF
> > amplifiers. When you turn it fully clockwise the gain is
> maximum
> and
> > decreases gradually when turned counter clockwise. At the
> same time
> > the S meter begins to deflect. When the S meter indicates
> S9 the
> total
> > gain of the 1st and 2nd amplifier is attenuated by about
> 40 dB.
> > When the RF gain is turned fully counter clockwise neither
>
> receiving
> > signal nor noise can be heard. Then the S meter will not
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> because
> > it has reached the limit. If you are receiving a very
> strong
> signal, set
> > the RF gain at a value equivalent or little smaller than
> the
> reading of
> > the S meter for the best audio results. So it is normal
> behave of
> the S
> > meter you experienced.
> >
> > 73,
> > Johan Habing
> > BDXC 3960
> > E-mail <mailto:swl@h...> swl@h...
> > Homepage http://members.home.nl/swl
>
>
> --

> Yahoo! Groups Links
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> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/nrd-525-535/
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> * To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
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> Terms of Service.
>

700. Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-15 12:49:57 UTC
From: luckydaze_2000
Topic: 686 Message: 700

You guys are all great people. I appreciate your help. I have no where else to go from help. Non of my friends know anything about SW and the resourses on the net for the 525 are few and far between.

What I'd like to know is this. I was told this 525 sat on a shelf unused for a long time. The recpetion is not to bad but there is some noise of course. This is what I'd like to do. Tell me what you think.

I want to pull all the boards in the radio and clean off the contacts with Gaig ProGold or Deoxit. I feel this will clean up any bad or oxidized connections and make the radio "cleaner" all around with less noise.

What do think of this idea? Good? I build computers for a hobby and am very good at it. Do you think I would have any trouble removing the boards? What tool do I use and where can I get one? Any chance of damage?

Thank you
Glenn Scott

--- In nrd-525-535@yahoogroups.com, "BDXC 3960 Johan Habing" <swl@h...> wrote:
> Glenn,
>
> About the ghost markers on the S meter. The S meter on my NRD-525
> behaves the same way.
> I think this behaviour is quite normal because the level of the S meter
> is processed by a microcomputer
> that prepares data necessary for indication. There might be a minor
> division correction at some levels
> to the nearest lower level of the gain.
>
> I hope you understand my poor English.
>
> 73,
>
> Johan Habing
> SWL BDXC 3960 (www.bdxc.nl <http://www.bdxc.nl/>)
> E-mail <mailto:swl@h...> swl@h...
> Homepage <http://members.home.nl/> http://members.home.nl

701. RE: [nrd-525-535] Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-15 13:22:29 UTC
From: BDXC 3960 Johan Habing
Topic: 686 Message: 701
Attachments: 1 described; binary payloads are missing from this source WARC

Glenn,

This is a photo of the tool to remove boards from the NRD.

Being good in building computers is not the same as cleaning an NRD-525.
As long as you are careful while using deoxit fluids or liquid cleaners,
probably
no harm is done when you clean the inner of the NRD-525. But then again:
don't fix it when it ain't broken! Can't say this enough BE CAREFULL.

Succes,

Johan Habing
SWL BDXC 3960 (www.bdxc.nl <http://www.bdxc.nl/>)
E-mail <mailto:swl@...> swl@...
Homepage <http://members.home.nl/swl> http://members.home.nl/swl

702. Re: [nrd-525-535] Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-15 14:07:06 UTC
From: John Reed
Topic: 686 Message: 702

----- Original Message -----
From: luckydaze_2000
To: nrd-525-535@yahoogroups.com
Sent: Thursday, April 15, 2004 7:49 AM
Subject: [nrd-525-535] Re: New 525 Questions

What kind of noise are you hearing? If it is noise when you change gain settings or other controls then it is caused by dirty variable resistors. Cleaning the board connections won't help that. If it is noise that goes away when the antenna is disconnected then it is static from your antenna. Cleaning the boards won't help this either. I would do more checking before pulling the boards out. You probably won't fix anything by cleaning these connectors, and may create some new problems.

John Reed

You guys are all great people. I appreciate your help. I have no where else to go from help. Non of my friends know anything about SW and the resourses on the net for the 525 are few and far between.

What I'd like to know is this. I was told this 525 sat on a shelf unused for a long time. The recpetion is not to bad but there is some noise of course. This is what I'd like to do. Tell me what you think.

I want to pull all the boards in the radio and clean off the contacts with Gaig ProGold or Deoxit. I feel this will clean up any bad or oxidized connections and make the radio "cleaner" all around with less noise.

What do think of this idea? Good? I build computers for a hobby and am very good at it. Do you think I would have any trouble removing the boards? What tool do I use and where can I get one? Any chance of damage?

Thank you
Glenn Scott

--- In nrd-525-535@yahoogroups.com, "BDXC 3960 Johan Habing" <swl@h...> wrote:
> Glenn,
>
> About the ghost markers on the S meter. The S meter on my NRD-525 > behaves the same way.
> I think this behaviour is quite normal because the level of the S meter
> is processed by a microcomputer
> that prepares data necessary for indication. There might be a minor

> division correction at some levels
> to the nearest lower level of the gain.
>
> I hope you understand my poor English.
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> 73,
>
> Johan Habing
> SWL BDXC 3960 (www.bdxc.nl <http://www.bdxc.nl/>)
> E-mail <mailto:swl@h...> swl@h...
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Yahoo! Groups Links

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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

703. Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-15 15:59:31 UTC
From: luckydaze_2000
Topic: 686 Message: 703

No, it's noraml noise, but it seems AM is pretty hard to tune in good. My Kenwood r-5000 on the same random wire seems to bring in the AM stations better and much easier. I have to work at it to get the sound just how I like it. Sometimes I can't.

What about this Ultimate Rejection Filter Upgrade Kit which dops the AUX stock bandwidth from 12.5 to 8.2? The Kenwood uses a 9 for it's wide filter.

I have done some soldering before. Is this mod hard to do??

--- In nrd-525-535@yahoogroups.com, "John Reed" <jreed@a...> wrote:
>
> ----- Original Message -----
> From: luckydaze_2000
> To: nrd-525-535@yahoogroups.com
> Sent: Thursday, April 15, 2004 7:49 AM
> Subject: [nrd-525-535] Re: New 525 Questions
>
> What kind of noise are you hearing? If it is noise when you change gain settings or other controls then it is caused by dirty variable resistors. Cleaning the board connections won't help that. If it is noise that goes away when the antenna is disconnected then it is static from your antenna. Cleaning the boards won't help this either. I would do more checking before pulling the boards out. You probably won't fix anything by cleaning these connectors, and may create some new problems.
>
> John Reed
>
>
> You guys are all great people. I appreciate your help. I have no
> where else to go from help. Non of my friends know anything about SW
> and the resourses on the net for the 525 are few and far between.
>
> What I'd like to know is this. I was told this 525 sat on a shelf
> unused for a long time. The recpetion is not to bad but there is
> some noise of course. This is what I'd like to do. Tell me what you
> think.
>
> I want to pull all the boards in the radio and clean off the
> contacts with Gaig ProGold or Deoxit. I feel this will clean up any

> bad or oxidized connections and make the radio "cleaner" all
around
> with less noise.
>
> What do think of this idea? Good? I build computers for a hobby
and
> am very good at it. Do you think I would have any trouble
removing
> the boards? What tool do I use and where can I get one? Any
chance
> of damage?
>
> Thank you
> Glenn Scott
>
>
>
> --- In nrd-525-535@yahoogroups.com, "BDXC 3960 Johan Habing"
> <swl@h...> wrote:
> > Glenn,
> >
> > About the ghost markers on the S meter. The S meter on my NRD-
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> > behaves the same way.
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> > is processed by a microcomputer
> > that prepares data necessary for indication. There might be a
minor
> > division correction at some levels
> > to the nearest lower level of the gain.
> >
> > I hope you understand my poor English.
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> > 73,
> >
> > Johan Habing
> > SWL BDXC 3960 (www.bdxc.nl <http://www.bdxc.nl/>)
> > E-mail <mailto:swl@h...> swl@h...
> > Homepage <http://members.home.nl/> http://members.home.nl
>
>
>
> --

> Yahoo! Groups Links
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>
> b.. To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
of Service.

704. Re: New 525 Questions

Yahoo group: nrd-525-535
Date: 2004-04-15 16:06:29 UTC
From: luckydaze_2000
Topic: 686 Message: 704

I just thought it sounded like a good idea. You know, have all the contacts nice and clean so it's as good as it can be. But OK, best to leave well enough alone and be happy with what I have.

--- In nrd-525-535@yahoogroups.com, "John Reed" <jreed@a...> wrote:
>
> ----- Original Message -----
> From: luckydaze_2000
> To: nrd-525-535@yahoogroups.com
> Sent: Thursday, April 15, 2004 7:49 AM
> Subject: [nrd-525-535] Re: New 525 Questions
>
> What kind of noise are you hearing? If it is noise when you change gain settings or other controls then it is caused by dirty variable resistors. Cleaning the board connections won't help that. If it is noise that goes away when the antenna is disconnected then it is static from your antenna. Cleaning the boards won't help this either. I would do more checking before pulling the boards out. You probably won't fix anything by cleaning these connectors, and may create some new problems.
>
> John Reed
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> You guys are all great people. I appreciate your help. I have no
> where else to go from help. Non of my friends know anything about SW
> and the resourses on the net for the 525 are few and far between.
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> What I'd like to know is this. I was told this 525 sat on a shelf
> unused for a long time. The recpetion is not to bad but there is
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> think.
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> I want to pull all the boards in the radio and clean off the
> contacts with Gaig ProGold or Deoxit. I feel this will clean up any
> bad or oxidized connections and make the radio "cleaner" all around
> with less noise.
>
> What do think of this idea? Good? I build computers for a hobby and

> am very good at it. Do you think I would have any trouble
removing
> the boards? What tool do I use and where can I get one? Any
chance
> of damage?
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> Thank you
> Glenn Scott
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>
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> --- In nrd-525-535@yahoogroups.com, "BDXC 3960 Johan Habing"
> <swl@h...> wrote:
> > Glenn,
> >
> > About the ghost markers on the S meter. The S meter on my NRD-
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> > behaves the same way.
> > I think this behaviour is quite normal because the level of
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> > is processed by a microcomputer
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minor
> > division correction at some levels
> > to the nearest lower level of the gain.
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> > I hope you understand my poor English.
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> > 73,
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> > Johan Habing
> > SWL BDXC 3960 (www.bdxc.nl <http://www.bdxc.nl/>)
> > E-mail <mailto:swl@h...> swl@h...
> > Homepage <http://members.home.nl/> http://members.home.nl
>
>
>
> --

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>
> b.. To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
of Service.

705. Need 525 Main Tuning Knob

Yahoo group: nrd-525-535
Date: 2004-04-16 19:59:35 UTC
From: fotofantom
Topic: 705 Message: 705

In need a main tuning knob for my NRD-525. Please email me if you have one for sale.

Thanks,
Greg

706. Making a Loop Antenna

Yahoo group: nrd-525-535
Date: 2004-04-17 01:48:14 UTC
From: luckydaze_2000
Topic: 706 Message: 706

I picked up a 2 SECTION 300 PF VARIABLE TUNING CAPACITOR for it.

I don't how to hook it up in parrallel though for use of full 600 PF though. Does anyone know the circuit for this?
I'm a little lost on wiring it right even though some of you gave me links to making one. It doesn't say exactly where the wires go.

Look here for instance. What is this "coupling loop" for I see on many loop designs? Where does the braid of coax and center conductor get soldered to?? Where are these wires hooked too?

http://www.qsl.net/aa5tb/loop.html

707. Re: Making a Loop Antenna

Yahoo group: nrd-525-535
Date: 2004-04-17 02:08:48 UTC
From: luckydaze_2000
Topic: 706 Message: 707

Like here.

http://www.ve3gk.com/newmagnetic.htm

Look at the little loop made. It looks like only the center conductor is soldered to the big loop, a small loop made and the end soldered back to the first solder point?

But then he says:

There is about a 5/1 impedance mismatch and this is solved by using a coaxial loop 1/5 the circumference of the big loop. A coaxial loop is simple, just strip the shield back a bit, tape the shield end well, make the loop and solder the center conductor back on the shield at the proper distance away to make up the 1/5 size factor. The shape is experimental it may turn out to be an ellipse, when you find the right shape you will have a zero reflected power condition across the whole hf band, mine covers from 9 to 30 MHZ.

Does the picture look like this? First he says to tape off the shield, then it says to solder the center conductor back on the shield. I don't get it.

--- In nrd-525-535@yahoogroups.com, "luckydaze_2000" <luckydaze69@h...> wrote:
> I picked up a 2 SECTION 300 PF VARIABLE TUNING CAPACITOR for it.
>
> I don't how to hook it up in parrallel though for use of full 600 PF
> though. Does anyone know the circuit for this?
> I'm a little lost on wiring it right even though some of you gave me
> links to making one. It doesn't say exactly where the wires go.
>
> Look here for instance. What is this "coupling loop" for I see on
> many loop designs? Where does the braid of coax and center conductor
> get soldered to?? Where are these wires hooked too?
>
>
> http://www.qsl.net/aa5tb/loop.html

708. Re: Making a Loop Antenna

Yahoo group: nrd-525-535
Date: 2004-04-17 02:15:00 UTC
From: luckydaze_2000
Topic: 706 Message: 708

Look at these pictures on top and all the way on the bottom.

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&category=15051&item=3091853365&rd=1

It that the primary loop there in the middle? How was this loop made?

--- In nrd-525-535@yahoogroups.com, "luckydaze_2000"
<luckydaze69@h...> wrote:
> Like here.
>
> http://www.ve3gk.com/newmagnetic.htm
>
> Look at the little loop made. It looks like only the center
> conductor is soldered to the big loop, a small loop made and the
end
> soldered back to the first solder point?
>
> But then he says:
>
>
> There is about a 5/1 impedance mismatch and this is solved by
using
> a coaxial loop 1/5 the circumference of the big loop. A coaxial
loop
> is simple, just strip the shield back a bit, tape the shield end
> well, make the loop and solder the center conductor back on the
> shield at the proper distance away to make up the 1/5 size
factor.
> The shape is experimental it may turn out to be an ellipse, when
> you find the right shape you will have a zero reflected power
> condition across the whole hf band, mine covers from 9 to 30 MHZ.
>
> Does the picture look like this? First he says to tape off the
> shield, then it says to solder the center conductor back on the
> shield. I don't get it.
>
> --- In nrd-525-535@yahoogroups.com, "luckydaze_2000"
> <luckydaze69@h...> wrote:
> > I picked up a 2 SECTION 300 PF VARIABLE TUNING CAPACITOR for it.
> >
> > I don't how to hook it up in parrallel though for use of full
600
> PF
> > though. Does anyone know the circuit for this?
> > I'm a little lost on wiring it right even though some of you

gave
> me
> > links to making one. It doesn't say exactly where the wires go.
> >
> > Look here for instance. What is this "coupling loop" for I see
on
> > many loop designs? Where does the braid of coax and center
> conductor
> > get soldered to?? Where are these wires hooked too?
> >
> >
> > http://www.qsl.net/aa5tb/loop.html

709. NVA-88 damping material

Yahoo group: nrd-525-535
Date: 2004-04-20 23:28:21 UTC
From: pabigelow
Topic: 709 Message: 709

Hello,

Any good suggestions concerning, cheap, easy to find damping material for the interior of an NVA-88 speaker? For me, the metal cabinet resonates too much.

Best regards,

Paul Bigelow

710. Re: NVA-88 damping material

Yahoo group: nrd-525-535
Date: 2004-04-21 08:16:32 UTC
From: Alberto di Bene
Topic: 709 Message: 710

"pabigelow" <pbigelow@...> wrote:

>Any good suggestions concerning, cheap, easy to find damping material
>for the interior of an NVA-88 speaker? For me, the metal cabinet
>resonates too much.
>
>
Paul,
I filled the cabinet with the cotton that you can buy at a pharmacy.
Very effective and cheap.

73 Alberto I2PHD

711. Ameco TPA: Single Longwire to RCA Plug???

Yahoo group: nrd-525-535
Date: 2004-04-22 16:25:39 UTC
From: luckydaze_2000
Topic: 711 Message: 711

Hi

I bought a Ameco TPA active antenna/preamp. In the description it says for "Longwires"

But on back there are only 2 RCA jacks. Now I know for the receiver {output} I just get an rca to PL-259 adapter.

But how do you hook up a single longwire {antenna} to the rca input? The rca has 2 connections. The center the outer part.

So how can they say it's for logwires when there is no single screw input on back??

712. Re: NVA-88 damping material

Yahoo group: nrd-525-535
Date: 2004-04-23 11:59:45 UTC
From: pabigelow
Topic: 709 Message: 712

Hello Alberto,

Thank you!

73's

Paul
--- In nrd-525-535@yahoogroups.com, Alberto di Bene <dibene@u...>
wrote:
> "pabigelow" <pbigelow@u...> wrote:
>
> >Any good suggestions concerning, cheap, easy to find damping
material
> >for the interior of an NVA-88 speaker? For me, the metal cabinet
> >resonates too much.
> >
> >
> Paul,
> I filled the cabinet with the cotton that you can buy at a
pharmacy.
> Very effective and cheap.
>
> 73 Alberto I2PHD

713. Why Is This Place So Quiet??

Yahoo group: nrd-525-535
Date: 2004-04-23 12:26:25 UTC
From: luckydaze_2000
Topic: 713 Message: 713

I don't understand why most questions go unanswered, or no one posts anything for weeks sometimes. I would expect people to talk about problems, improvements, new stations, anything abou the radio and the hobby.

Why is the is place so dead???

Glenn

714. RE: [nrd-525-535] Why Is This Place So Quiet??

Yahoo group: nrd-525-535
Date: 2004-04-23 13:49:27 UTC
From: BDXC 3960 Johan Habing
Topic: 713 Message: 714

Cause all the people in here are probably very satisfied with their NRD's. It just are great receivers,
so there are not much questions left :-). The group of NRD owners is also very small worldwide.

73,
Johan Habing

715. Re: Ameco TPA: Single Longwire to RCA Plug???

Yahoo group: nrd-525-535
Date: 2004-04-23 14:10:41 UTC
From: pabigelow
Topic: 711 Message: 715

Wouldn't the antenna go to the center pin and a ground connection to
the outer connection?

Paul

--- In nrd-525-535@yahoogroups.com, "luckydaze_2000"
<luckydaze69@h...> wrote:
> Hi
>
> I bought a Ameco TPA active antenna/preamp. In the description it
> says for "Longwires"
>
> But on back there are only 2 RCA jacks. Now I know for the receiver
> {output} I just get an rca to PL-259 adapter.
>
> But how do you hook up a single longwire {antenna} to the rca
input?
> The rca has 2 connections. The center the outer part.
>
> So how can they say it's for logwires when there is no single screw
> input on back??

716. NRD-525 front panel paint

Yahoo group: nrd-525-535
Date: 2004-04-23 14:14:50 UTC
From: pabigelow
Topic: 716 Message: 716

Hello,

Has anyone been able to obtain any front panel paint for the NRD-525? I have a little wear round the edges of the front corners and would like to cover them up with a matching paint. The front panel is black plastic so the wear, at worst, still isn't very noticible.

The color would seem to be a very dark gray/charcoal with, maybe, a hint of green.

73's

Paul Bigelow

717. RE: [nrd-525-535] Why Is This Place So Quiet??

Yahoo group: nrd-525-535
Date: 2004-04-23 14:21:25 UTC
From: Al Bolton
Topic: 713 Message: 717

There have been in excess of 40 posts so far this month to this group.
That's not too bad!

Al Bolton, G4VSQ
NRD-515, NSD-515, NDH-518
NRD-525, NVA-88
NRD-535
JST-100
http://homepage.ntlworld.com/al.bolton Coming soon!

-----Original Message-----
From: luckydaze_2000 [mailto:luckydaze69@...]
Sent: Friday, April 23, 2004 1:26 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Why Is This Place So Quiet??

I don't understand why most questions go unanswered, or no one posts
anything for weeks sometimes. I would expect people to talk about
problems, improvements, new stations, anything abou the radio and
the hobby.

Why is the is place so dead???

Glenn

718. Re: [nrd-525-535] NRD-525 front panel paint

Yahoo group: nrd-525-535
Date: 2004-04-23 14:59:27 UTC
From: Raj
Topic: 716 Message: 718

Paul,

From my experience, better to leave the front panels alone. You can't undo any painting!

Equipment shipped in box + Styrofoam (AKA Thermocole in India) but without first wrapping the equipment in a polythene cover... ends up with paint scuffed off the front panel and elsewhere. Vibration and rocking in transit causes the panel to rub on the Styrofoam and pain wears wears off fast!.

73 Raj vu2zap

>Hello,
>
>Has anyone been able to obtain any front panel paint for the NRD-
>525? I have a little wear round the edges of the front corners and
>would like to cover them up with a matching paint. The front panel
>is black plastic so the wear, at worst, still isn't very noticible.
>
>The color would seem to be a very dark gray/charcoal with, maybe, a
>hint of green.
>
>73's
>
>Paul Bigelow
>
>
>
>----------
>Yahoo! Groups Links
> * To visit your group on the web, go to:
> * <http://groups.yahoo.com/group/nrd-525-535/>http://groups.yahoo.com/group/nrd-525-535/
> *
> * To unsubscribe from this group, send an email to:
> * <mailto:nrd-525-535-unsubscribe@yahoogroups.com?subject=Unsubscribe>nrd-525-535-unsubs
cribe@yahoogroups.com
> *
> * Your use of Yahoo! Groups is subject to the <http://docs.yahoo.com/info/terms/>Yahoo!
Terms of Service.

--
Raj, vu2zap
Bangalore, South India.

719. Re: Ameco TPA: Single Longwire to RCA Plug???

Yahoo group: nrd-525-535
Date: 2004-04-24 05:20:17 UTC
From: luckydaze_2000
Topic: 711 Message: 719

That's what I figured too. So just connect the outer pin to a screw
on a wall socket or water pipe for ground then?

--- In nrd-525-535@yahoogroups.com, "pabigelow" <pbigelow@u...>
wrote:
> Wouldn't the antenna go to the center pin and a ground connection
to
> the outer connection?
>
> Paul
>
> --- In nrd-525-535@yahoogroups.com, "luckydaze_2000"
> <luckydaze69@h...> wrote:
> > Hi
> >
> > I bought a Ameco TPA active antenna/preamp. In the description
it
> > says for "Longwires"
> >
> > But on back there are only 2 RCA jacks. Now I know for the
receiver
> > {output} I just get an rca to PL-259 adapter.
> >
> > But how do you hook up a single longwire {antenna} to the rca
> input?
> > The rca has 2 connections. The center the outer part.
> >
> > So how can they say it's for logwires when there is no single
screw
> > input on back??

720. Re: Ameco TPA: Single Longwire to RCA Plug???

Yahoo group: nrd-525-535
Date: 2004-04-24 08:11:08 UTC
From: rien_pa0jme
Topic: 711 Message: 720

It's important to know what input impedance level the unit was
designed for.
If it's low-impedance you need a transformer, if not just hookup the
antenna wire to the input.
I remember that an MLB (magnetic longwire balun) was sold here in the
Netherlands up to a few years ago.
In fact it's a auto-transformer on a toroid core to transform the
high impdedance of the wire into somewhat lower to adapt to a coaxial
cable.
I think the winding ratio was 1:10, I'm not sure, but can try to find
it if you like.

Rien PA0JME

--- In nrd-525-535@yahoogroups.com, "luckydaze_2000"
<luckydaze69@h...> wrote:
>
> That's what I figured too. So just connect the outer pin to a screw
> on a wall socket or water pipe for ground then?
>
>
> --- In nrd-525-535@yahoogroups.com, "pabigelow" <pbigelow@u...>
> wrote:
> > Wouldn't the antenna go to the center pin and a ground connection
> to
> > the outer connection?
> >
> > Paul
> >
> > --- In nrd-525-535@yahoogroups.com, "luckydaze_2000"
> > <luckydaze69@h...> wrote:
> > > Hi
> > >
> > > I bought a Ameco TPA active antenna/preamp. In the description
> it
> > > says for "Longwires"
> > >
> > > But on back there are only 2 RCA jacks. Now I know for the
> receiver
> > > {output} I just get an rca to PL-259 adapter.
> > >
> > > But how do you hook up a single longwire {antenna} to the rca
> > input?
> > > The rca has 2 connections. The center the outer part.
> > >

> > > So how can they say it's for logwires when there is no single
> screw
> > > input on back??

721. Re: Making a Loop Antenna

Yahoo group: nrd-525-535
Date: 2004-04-24 12:46:24 UTC
From: luckydaze_2000
Topic: 706 Message: 721

OK guys,

I'm all set in how to make a loop ant. This place I found to give exactly what I was looking for. Exact instructions with pictures of how it's hooked up. Very easy indeed after you know. Check it out. In fact, check out his whole home page too. I picked up a nice 2 gang 300 pf tunable capacitor for $10 It's new and big to take the watts.

I'll pick up like 10 ft of .05 copper tubing for the project, plus some PVC for the stand. I'll see. I might use good wood instead. Here is the site. Beautiful :)

http://www.standpipe.com/w2bri/build.htm

--- In nrd-525-535@yahoogroups.com, "luckydaze_2000" <luckydaze69@h...> wrote:
> I picked up a 2 SECTION 300 PF VARIABLE TUNING CAPACITOR for it.
>
> I don't how to hook it up in parrallel though for use of full 600 PF
> though. Does anyone know the circuit for this?
> I'm a little lost on wiring it right even though some of you gave me
> links to making one. It doesn't say exactly where the wires go.
>
> Look here for instance. What is this "coupling loop" for I see on
> many loop designs? Where does the braid of coax and center conductor
> get soldered to?? Where are these wires hooked too?
>
>
> http://www.qsl.net/aa5tb/loop.html

722. Re: Ameco TPA: Single Longwire to RCA Plug???

Yahoo group: nrd-525-535
Date: 2004-04-24 12:50:54 UTC
From: luckydaze_2000
Topic: 711 Message: 722

OK

here is the model I bought. If it's a "tunable preamplifier" and I use the outside ant of course, doesn't it match it automatically? I'm using 300 ohm twinlead. What do you think?? Do I still need the balun??

AMECO TUNABLE PREAMP & ACTIVE ANTENNA Model# TPA

Can be used as an active antenna or as a preamplifier for long wire and random length antennas. When no external antenna can be used, the TPA's whip antenna gives excellent results.

TUNABLE PREAMPLIFIER ANTENNA
☐ Can be used as tunable preamplifier and/or indoor active antenna
☐ Complete coverage from 0.22 to 30 MHz
☐ Improves receiver gain and noise figure
☐ Over 20 dB gain on all frequencies

Model TPA can be used as a preamplifier to improve the gain of a receiver, or as an indoor active antenna. It contains a tuned RF amplifier that covers all frequencies from 0.22 to 30 MHz, including amateur bands, all foreign broadcast bands, citizens band and all other services in this range. A dual-gate field effect transistor provides an excellent noise figure and over 20 dB gain. As a preamplifier, the input matches most antennas.

Long wire, 300 ohm and random length antennas can be used with good results. When no external antenna is available, the preamplifier's whip antenna gives excellent results.
Model TPA uses either an internal 9 volt battery or an AC adapter, such as Model P-9T.

--- In nrd-525-535@yahoogroups.com, "rien_pa0jme" <pa0jme@a...> wrote:
> It's important to know what input impedance level the unit was
> designed for.
> If it's low-impedance you need a transformer, if not just hookup the
> antenna wire to the input.
> I remember that an MLB (magnetic longwire balun) was sold here in the
> Netherlands up to a few years ago.
> In fact it's a auto-transformer on a toroid core to transform the
> high impdedance of the wire into somewhat lower to adapt to a coaxial

> cable.
> I think the winding ratio was 1:10, I'm not sure, but can try to
find
> it if you like.
>
> Rien PA0JME
>
> --- In nrd-525-535@yahoogroups.com, "luckydaze_2000"
> <luckydaze69@h...> wrote:
> >
> > That's what I figured too. So just connect the outer pin to a
screw
> > on a wall socket or water pipe for ground then?
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "pabigelow" <pbigelow@u...>
> > wrote:
> > > Wouldn't the antenna go to the center pin and a ground
connection
> > to
> > > the outer connection?
> > >
> > > Paul
> > >
> > > --- In nrd-525-535@yahoogroups.com, "luckydaze_2000"
> > > <luckydaze69@h...> wrote:
> > > > Hi
> > > >
> > > > I bought a Ameco TPA active antenna/preamp. In the
description
> > it
> > > > says for "Longwires"
> > > >
> > > > But on back there are only 2 RCA jacks. Now I know for the
> > receiver
> > > > {output} I just get an rca to PL-259 adapter.
> > > >
> > > > But how do you hook up a single longwire {antenna} to the
rca
> > > input?
> > > > The rca has 2 connections. The center the outer part.
> > > >
> > > > So how can they say it's for logwires when there is no
single
> > screw
> > > > input on back??

723. Re: Making a Loop Antenna

Yahoo group: nrd-525-535
Date: 2004-04-24 12:53:24 UTC
From: luckydaze_2000
Topic: 706 Message: 723

Here is his home page. Out of ALL the places I checked, and I checked almost all, this gives it to you straight. Of course I would use a tunable capacitor in place of the coax "faux" capacitor.

http://www.standpipe.com/w2bri/index.htm

--- In nrd-525-535@yahoogroups.com, "luckydaze_2000" <luckydaze69@h...> wrote:
> OK guys,
>
> I'm all set in how to make a loop ant. This place I found to give
> exactly what I was looking for. Exact instructions with pictures of
> how it's hooked up. Very easy indeed after you know. Check it out.
> In fact, check out his whole home page too. I picked up a nice 2 gang
> 300 pf tunable capacitor for $10 It's new and big to take the watts.
>
> I'll pick up like 10 ft of .05 copper tubing for the project, plus
> some PVC for the stand. I'll see. I might use good wood instead.
> Here is the site. Beautiful :)
>
>
> http://www.standpipe.com/w2bri/build.htm
>
>
>
> --- In nrd-525-535@yahoogroups.com, "luckydaze_2000"
> <luckydaze69@h...> wrote:
> > I picked up a 2 SECTION 300 PF VARIABLE TUNING CAPACITOR for it.
> >
> > I don't how to hook it up in parrallel though for use of full 600
> PF
> > though. Does anyone know the circuit for this?
> > I'm a little lost on wiring it right even though some of you gave
> me
> > links to making one. It doesn't say exactly where the wires go.
> >
> > Look here for instance. What is this "coupling loop" for I see on
> > many loop designs? Where does the braid of coax and center
> conductor

> > get soldered to?? Where are these wires hooked too?
> >
> >
> > http://www.qsl.net/aa5tb/loop.html

724. Re: Why Is This Place So Quiet??

Yahoo group: nrd-525-535
Date: 2004-04-24 14:06:32 UTC
From: luckydaze_2000
Topic: 713 Message: 724

Really?

OK :)

--- In nrd-525-535@yahoogroups.com, "Al Bolton" <al.bolton@n...>
wrote:
> There have been in excess of 40 posts so far this month to this
group.
> That's not too bad!
>
> Al Bolton, G4VSQ
> NRD-515, NSD-515, NDH-518
> NRD-525, NVA-88
> NRD-535
> JST-100
> http://homepage.ntlworld.com/al.bolton Coming soon!
>
>
> -----Original Message-----
> From: luckydaze_2000 [mailto:luckydaze69@h...]
> Sent: Friday, April 23, 2004 1:26 PM
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] Why Is This Place So Quiet??
>
>
> I don't understand why most questions go unanswered, or no one
posts
> anything for weeks sometimes. I would expect people to talk about
> problems, improvements, new stations, anything abou the radio and
> the hobby.
>
> Why is the is place so dead???
>
>
> Glenn

725. Re: NRD-525 front panel paint

Yahoo group: nrd-525-535
Date: 2004-04-24 15:13:15 UTC
From: luckydaze_2000
Topic: 716 Message: 725

I can tell you what I did but it was for a front panel little nick and scratch not done by me. I sharpened a pencil very good and broke off some tips of it till I had enough. I then crushed them up till it was a fine powder, and mixed it with some water. It takes some mixing though to get it good. I then filled in the cracks with it. I used my finger to fill in the scratches and smoothed it out. Then, after it dries, just wet you finger a drop and waipe away any access.

It worked great for me. I found mixing it with alcohol was much better, but you have to work kinda fast. You can't see the scratches now and the color is should I say, perfect :)

Now as far as that wear you have, I think the best way is get some plastic RIT or dye made for plastic, matching the color very well, and tabbing on the dye very, very lightly.

Looks like a blackish, slightly grayish/brownish hue. But, even if it's matched only pretty close, it's better then it was no??

--- In nrd-525-535@yahoogroups.com, "pabigelow" <pbigelow@u...> wrote:
> Hello,
>
> Has anyone been able to obtain any front panel paint for the NRD-
> 525? I have a little wear round the edges of the front corners and
> would like to cover them up with a matching paint. The front panel
> is black plastic so the wear, at worst, still isn't very noticible.
>
> The color would seem to be a very dark gray/charcoal with, maybe, a
> hint of green.
>
> 73's
>
> Paul Bigelow

726. Re: Ameco TPA: Single Longwire to RCA Plug???

Yahoo group: nrd-525-535
Date: 2004-04-24 16:03:48 UTC
From: rien_pa0jme
Topic: 711 Message: 726

I'm not sure, I do not know the device.
Since no figures are given, but the fact you can use a whip antenna I expect the input impedance to be high such as a capacitor to the top of the tuned circuit.
A short whip, i.e. much less than half wavelength shows a capacitive behaviour and has high impedance.
A long wire's impedance changes across frequency from tens of ohms upto some hundred of ohms.
If your feedline is short you can just feed in the antenna wire in to the RCA socket directly and ground the housing to e.g. earth electrode.
If you have to use appreciable length of coax I suggest to put a transformer between your antenna and the coax and attach an RCA connector at the other end to plug into your preamplifier.
Depending on the length of your antenna the 20 dB extra gain might be a bit high though depending on field-strength of more or less local radio stations.
The tunability feature can save you there.
Check to see if your receiver gets overloaded by it by switching from a short antenna such as say 1 meter of wire and next to your outdoor antenna.

--- In nrd-525-535@yahoogroups.com, "luckydaze_2000"
<luckydaze69@h...> wrote:
> OK
>
> here is the model I bought. If it's a "tunable preamplifier" and I
> use the outside ant of course, doesn't it match it automatically?
> I'm using 300 ohm twinlead. What do you think?? Do I still need the
> balun??
>
> AMECO TUNABLE PREAMP & ACTIVE ANTENNA Model# TPA
>
> Can be used as an active antenna or as a preamplifier for long wire
> and random length antennas. When no external antenna can be used,
> the TPA's whip antenna gives excellent results.
>
> TUNABLE PREAMPLIFIER ANTENNA
> ☐ Can be used as tunable preamplifier and/or indoor active antenna
> ☐ Complete coverage from 0.22 to 30 MHz
> ☐ Improves receiver gain and noise figure
> ☐ Over 20 dB gain on all frequencies
>
> Model TPA can be used as a preamplifier to improve the gain of a
> receiver, or as an indoor active antenna. It contains a tuned

> RF amplifier that covers all frequencies from 0.22 to 30 MHz,
> including amateur bands, all foreign broadcast bands, citizens band
> and all other services in this range. A dual-gate field effect
> transistor provides an excellent noise figure and over 20 dB gain.
> As a preamplifier, the input matches most antennas.
>
> Long wire, 300 ohm and random length antennas can be used with good
> results. When no external antenna is available, the preamplifier's
> whip antenna gives excellent results.
> Model TPA uses either an internal 9 volt battery or an AC adapter,
> such as Model P-9T.
>
>
>
>
> --- In nrd-525-535@yahoogroups.com, "rien_pa0jme" <pa0jme@a...>
> wrote:
> > It's important to know what input impedance level the unit was
> > designed for.
> > If it's low-impedance you need a transformer, if not just hookup
> the
> > antenna wire to the input.
> > I remember that an MLB (magnetic longwire balun) was sold here in
> the
> > Netherlands up to a few years ago.
> > In fact it's a auto-transformer on a toroid core to transform the
> > high impdedance of the wire into somewhat lower to adapt to a
> coaxial
> > cable.
> > I think the winding ratio was 1:10, I'm not sure, but can try to
> find
> > it if you like.
> >
> > Rien PA0JME
> >
> > --- In nrd-525-535@yahoogroups.com, "luckydaze_2000"
> > <luckydaze69@h...> wrote:
> > >
> > > That's what I figured too. So just connect the outer pin to a
> screw
> > > on a wall socket or water pipe for ground then?
> > >
> > >
> > > --- In nrd-525-535@yahoogroups.com, "pabigelow" <pbigelow@u...>
> > > wrote:
> > > > Wouldn't the antenna go to the center pin and a ground
> connection
> > > to
> > > > the outer connection?

> > > >
> > > > Paul
> > > >
> > > > --- In nrd-525-535@yahoogroups.com, "luckydaze_2000"
> > > > <luckydaze69@h...> wrote:
> > > > > Hi
> > > > >
> > > > > I bought a Ameco TPA active antenna/preamp. In the
> description
> > > it
> > > > > says for "Longwires"
> > > > >
> > > > > But on back there are only 2 RCA jacks. Now I know for the
> > > receiver
> > > > > {output} I just get an rca to PL-259 adapter.
> > > > >
> > > > > But how do you hook up a single longwire {antenna} to the
> rca
> > > input?
> > > > > The rca has 2 connections. The center the outer part.
> > > > >
> > > > > So how can they say it's for logwires when there is no
> single
> > > screw
> > > > > input on back??

727. PIN diodes for fronend filterswitching?

Yahoo group: nrd-525-535
Date: 2004-04-25 10:58:28 UTC
From: ringmodulator99
Topic: 727 Message: 727

Hello list,

in 1994 QST published a 3-part articleseries "Key Components of
Modern Receiver Design" by Dr. Ulrich Rohde.

Among other things, he emphasizes on intermodulation distortion
caused by the RF-switching diodes in the frontendfilters.

Obviously all the switchingdiodes at the input of the frontendfilters
see the total sum of the RF voltage comming from the antenna.
This can result in distortion products that fall right into the
window of the receiving bandpassfilter, so its selectivity does not
help here.

He claims that the use of RF PIN diodes are far superior and
recommends to substitute these diodes in the receiver frontend with
PINs like HP 2082-3081 to improve second and third order IMD products
significant.

Has anyone evaluated this for the 525/535?

Regards from Cologne
Chris

728. Re: [nrd-525-535] PIN diodes for fronend filterswitching?

Yahoo group: nrd-525-535
Date: 2004-04-25 14:16:02 UTC
From: John Reed
Topic: 727 Message: 728

----- Original Message -----
From: ringmodulator99
To: nrd-525-535@yahoogroups.com
Sent: Sunday, April 25, 2004 5:58 AM
Subject: [nrd-525-535] PIN diodes for fronend filterswitching?

On the NRD-525 diodes CD11-16 and CD50 are 1SS85 PIN diodes, so the designers were aware of this. The input diodes to the filters are 200v rectifiers. I think bigger problems would be the voltage controlled tuning diodes in the tracking filters and the front end protection diodes. If you are having trouble with intermod, the best solution would be a good outboard preselector like the Lowe PR-150. This is relay switched with air variable capacitors and two tuned circuits. Of course you will have to tune with two knobs.

John Reed

Hello list,

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Modern Receiver Design" by Dr. Ulrich Rohde.

Among other things, he emphasizes on intermodulation distortion
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This can result in distortion products that fall right into the
window of the receiving bandpassfilter, so its selectivity does not
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He claims that the use of RF PIN diodes are far superior and
recommends to substitute these diodes in the receiver frontend with
PINs like HP 2082-3081 to improve second and third order IMD products
significant.

Has anyone evaluated this for the 525/535?

Regards from Cologne
Chris

Yahoo! Groups Links

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http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

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729. Re: [nrd-525-535] PIN diodes for fronend filterswitching?

Yahoo group: nrd-525-535
Date: 2004-04-26 00:22:39 UTC
From: John Reed
Topic: 727 Message: 729

----- Original Message -----
From: John Reed
To: nrd-525-535@yahoogroups.com
Sent: Sunday, April 25, 2004 9:16 AM
Subject: Re: [nrd-525-535] PIN diodes for fronend filterswitching?

I can add one more bit of information on this subject that this discussion made me remember. Shortly after this article appeared in QST, after reading it I decided to try it on on an ICOM IC-R71 that I owned. The front end had diode switched half octave filters and I thought it would be a good idea to replace them with PIN diodes. I bought enough HP PIN diodes (they aren't cheap) to do the replacement, but first I carefully measured the third order dynamic range. Then I replaced all the diodes with PIN diodes and measured the range again. There was no, repeat NO, change in the dynamic range. The sensitivity did change however, the receiver was less sensitive. The dynamic range is usually limited by the first mixer. You have to have a very strong mixer to see any effect from changing these switching diodes.

John Reed

----- Original Message -----
From: ringmodulator99
To: nrd-525-535@yahoogroups.com
Sent: Sunday, April 25, 2004 5:58 AM
Subject: [nrd-525-535] PIN diodes for fronend filterswitching?

On the NRD-525 diodes CD11-16 and CD50 are 1SS85 PIN diodes, so the designers were aware of this. The input diodes to the filters are 200v rectifiers. I think bigger problems would be the voltage controlled tuning diodes in the tracking filters and the front end protection diodes. If you are having trouble with intermod, the best solution would be a good outboard preselector like the Lowe PR-150. This is relay switched with air variable capacitors and two tuned circuits. Of course you will have to tune with two knobs.

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Has anyone evaluated this for the 525/535?

Regards from Cologne
Chris

Yahoo! Groups Links

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b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

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730. DRM 525 description

Yahoo group: nrd-525-535
Date: 2004-04-26 06:08:29 UTC
From: BDXC 3960 Johan Habing
Topic: 727 Message: 730

Hi all,

On <http://home.planet.nl/~avangorp/hobby4-10.html>
home.planet.nl/~avangorp/hobby4-10.html you can find a detailed
description to make a NRD-525 suitable
for DRM (Digital Radio Mondial) www.drm.org <http://www.drm.org/> with
the Universal DRM-miniature mixer unit
from www.sat-schneider.de <http://www.sat-schneider.de/>

73,
Johan Habing

731. Re: PIN diodes for fronend filterswitching?

Yahoo group: nrd-525-535
Date: 2004-04-26 17:56:40 UTC
From: ringmodulator99
Topic: 727 Message: 731

Hi John,

thank you for your input!

The 535 has 1SS143-T87 on the input of the frontendfilters.
I can find no specs for them.

It is obvious that an additional attentuation caused by the PIN
diodes might be
misinterpreted as an enhanced IP3.

But there is a cheaper way to get it that way, use the ATT switch ;-)

The QST articles do not cover this effect.

It looks like the main problem with this diodes is to force enough
current through them.
Below 10 mA they show no better performance than the standard types.

Perhaps this modification just belongs to the "Emporers new
Cloths"liga.

Regards
Chris

--- In nrd-525-535@yahoogroups.com, "John Reed" <jreed@a...> wrote:
>
> ----- Original Message -----
> From: John Reed
> To: nrd-525-535@yahoogroups.com
> Sent: Sunday, April 25, 2004 9:16 AM
> Subject: Re: [nrd-525-535] PIN diodes for fronend filterswitching?
>
> I can add one more bit of information on this subject that this
discussion made me remember. Shortly after this article appeared in
QST, after reading it I decided to try it on on an ICOM IC-R71 that I
owned. The front end had diode switched half octave filters and I
thought it would be a good idea to replace them with PIN diodes. I
bought enough HP PIN diodes (they aren't cheap) to do the
replacement, but first I carefully measured the third order dynamic
range. Then I replaced all the diodes with PIN diodes and
measured the range again. There was no, repeat NO, change in the
dynamic range. The sensitivity did change however, the receiver
was less sensitive. The dynamic range is usually limited by the
first mixer. You have to have a very strong mixer to see any effect
from changing these switching diodes.
>

> John Reed
>
>
>
> ----- Original Message -----
> From: ringmodulator99
> To: nrd-525-535@yahoogroups.com
> Sent: Sunday, April 25, 2004 5:58 AM
> Subject: [nrd-525-535] PIN diodes for fronend filterswitching?
>
> On the NRD-525 diodes CD11-16 and CD50 are 1SS85 PIN diodes, so
the designers were aware of this. The input diodes to the
filters are 200v rectifiers. I think bigger problems would be the
voltage controlled tuning diodes in the tracking filters and the
front end
protection diodes. If you are having trouble with intermod, the best
solution would be a good outboard preselector like the Lowe
PR-150. This is relay switched with air variable capacitors and two
tuned circuits. Of course you will have to tune with two knobs.
>
> John Reed
>
>
> Hello list,
>
> in 1994 QST published a 3-part articleseries "Key Components of
> Modern Receiver Design" by Dr. Ulrich Rohde.
>
> Among other things, he emphasizes on intermodulation distortion
> caused by the RF-switching diodes in the frontendfilters.
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> Obviously all the switchingdiodes at the input of the
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> see the total sum of the RF voltage comming from the antenna.
> This can result in distortion products that fall right into the
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> help here.
>
> He claims that the use of RF PIN diodes are far superior and
> recommends to substitute these diodes in the receiver frontend
with
> PINs like HP 2082-3081 to improve second and third order IMD
products
> significant.
>
> Has anyone evaluated this for the 525/535?
>
> Regards from Cologne
> Chris

>
>
>
>
> ----------

> Yahoo! Groups Links
>
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>
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of Service.

732. Re: DRM 525 description

Yahoo group: nrd-525-535
Date: 2004-04-27 04:43:50 UTC
From: luckydaze_2000
Topic: 727 Message: 732

This looks very interesting. How many DRM stations are there or does
that little device make all AM stations DRM??

Any places in the US that sells those devices for the 525?

--- In nrd-525-535@yahoogroups.com, "BDXC 3960 Johan Habing"
<swl@h...> wrote:
> Hi all,
>
> On <http://home.planet.nl/~avangorp/hobby4-10.html>
> home.planet.nl/~avangorp/hobby4-10.html you can find a detailed
> description to make a NRD-525 suitable
> for DRM (Digital Radio Mondial) www.drm.org <http://www.drm.org/>
with
> the Universal DRM-miniature mixer unit
> from www.sat-schneider.de <http://www.sat-schneider.de/>
>
> 73,
> Johan Habing

733. RE: [nrd-525-535] Re: DRM 525 description

Yahoo group: nrd-525-535
Date: 2004-04-27 07:21:00 UTC
From: BDXC 3960 Johan Habing
Topic: 727 Message: 733

Glenn,

Did you look at the link www.drm.org <http://www.drm.org/> before you
asked? There you can find the answers
on your questions. On
http://www.drm.org/livebroadcast/globfieldtrial.htm you there is a
schedule of stations using DRM.

About places that sell the equipment in the US: SAT-Schneider
(www.sat-schneider.de <http://www.sat-schneider.de/>)
delivers worldwide and accepts credit-card for payment.

73,
Johan

734. Re: [nrd-525-535] Re: PIN diodes for fronend filterswitching?

Yahoo group: nrd-525-535
Date: 2004-04-27 14:03:57 UTC
From: John Reed
Topic: 727 Message: 734

----- Original Message -----
From: ringmodulator99
To: nrd-525-535@yahoogroups.com
Sent: Monday, April 26, 2004 12:56 PM
Subject: [nrd-525-535] Re: PIN diodes for fronend filterswitching?

1SS143 is a silicon rectifier diode, 600V, 1 amp. This is similar to what is in the '525. When dynamic range is computed it is equal to the level of the signals causing the third order product minus the noise floor level so a higher noise floor is taken into account. If this is not done it would appear that the PIN diodes were giving higher dynamic range. Anyway, this mod is probably not worth the trouble. However if anybody does it, the results would be interesting.

John Reed

Hi John,

thank you for your input!

The 535 has 1SS143-T87 on the input of the frontendfilters.
I can find no specs for them.

It is obvious that an additional attentuation caused by the PIN
diodes might be
misinterpreted as an enhanced IP3.

But there is a cheaper way to get it that way, use the ATT switch ;-)

The QST articles do not cover this effect.

It looks like the main problem with this diodes is to force enough
current through them.
Below 10 mA they show no better performance than the standard types.

Perhaps this modification just belongs to the "Emporers new
Cloths"liga.

Regards
Chris

--- In nrd-525-535@yahoogroups.com, "John Reed" <jreed@a...> wrote:
>
> ----- Original Message -----
> From: John Reed
> To: nrd-525-535@yahoogroups.com
> Sent: Sunday, April 25, 2004 9:16 AM
> Subject: Re: [nrd-525-535] PIN diodes for fronend filterswitching?
>

> I can add one more bit of information on this subject that this
discussion made me remember. Shortly after this article appeared in
QST, after reading it I decided to try it on on an ICOM IC-R71 that I
owned. The front end had diode switched half octave filters and I
thought it would be a good idea to replace them with PIN diodes. I
bought enough HP PIN diodes (they aren't cheap) to do the
replacement, but first I carefully measured the third order dynamic
range. Then I replaced all the diodes with PIN diodes and
measured the range again. There was no, repeat NO, change in the
dynamic range. The sensitivity did change however, the receiver
was less sensitive. The dynamic range is usually limited by the
first mixer. You have to have a very strong mixer to see any effect
from changing these switching diodes.
>
> John Reed
>
>
>
> ----- Original Message -----
> From: ringmodulator99
> To: nrd-525-535@yahoogroups.com
> Sent: Sunday, April 25, 2004 5:58 AM
> Subject: [nrd-525-535] PIN diodes for fronend filterswitching?
>
> On the NRD-525 diodes CD11-16 and CD50 are 1SS85 PIN diodes, so
the designers were aware of this. The input diodes to the
filters are 200v rectifiers. I think bigger problems would be the
voltage controlled tuning diodes in the tracking filters and the
front end
protection diodes. If you are having trouble with intermod, the best
solution would be a good outboard preselector like the Lowe
PR-150. This is relay switched with air variable capacitors and two
tuned circuits. Of course you will have to tune with two knobs.
>
> John Reed
>
>
> Hello list,
>
> in 1994 QST published a 3-part articleseries "Key Components of
> Modern Receiver Design" by Dr. Ulrich Rohde.
>
> Among other things, he emphasizes on intermodulation distortion
> caused by the RF-switching diodes in the frontendfilters.
>
> Obviously all the switchingdiodes at the input of the
frontendfilters
> see the total sum of the RF voltage comming from the antenna.
> This can result in distortion products that fall right into the
> window of the receiving bandpassfilter, so its selectivity does

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> help here.
>
> He claims that the use of RF PIN diodes are far superior and
> recommends to substitute these diodes in the receiver frontend
with
> PINs like HP 2082-3081 to improve second and third order IMD
products
> significant.
>
> Has anyone evaluated this for the 525/535?
>
> Regards from Cologne
> Chris
>
>
>
>
> ---

> Yahoo! Groups Links
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> http://groups.yahoo.com/group/nrd-525-535/
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735. Re: DRM 525 description

Yahoo group: nrd-525-535
Date: 2004-04-28 14:48:48 UTC
From: luckydaze_2000
Topic: 727 Message: 735

Yes

but I didn't see any companies in the USA selling the option for the
525.

--- In nrd-525-535@yahoogroups.com, "BDXC 3960 Johan Habing"
<swl@h...> wrote:
> Glenn,
>
> Did you look at the link www.drm.org <http://www.drm.org/> before
you
> asked? There you can find the answers
> on your questions. On
> http://www.drm.org/livebroadcast/globfieldtrial.htm you there is a
> schedule of stations using DRM.
>
> About places that sell the equipment in the US: SAT-Schneider
> (www.sat-schneider.de <http://www.sat-schneider.de/>)
> delivers worldwide and accepts credit-card for payment.
>
> 73,
> Johan

736. NRD 535 / COMPUTER CONTROL AND CABLE CONNECTIONS

Yahoo group: nrd-525-535
Date: 2004-05-03 14:35:40 UTC
From: jake_kolbeinsson
Topic: 736 Message: 736

Hi,
I would like to ask for some advise. I would like to connect my NRD 535 to my computer. I bought a serial cable DB9F to DB25. My question is will this cable work or do I need to change the pinning connections. Also, I am looking for a free computer control softwear for my NRD 535. Any suggestions?? Thanks, Jake in Reykjavik Iceland.

737. NRD535 Control

Yahoo group: nrd-525-535
Date: 2004-05-03 15:29:56 UTC
From: Hugh Shoemaker
Topic: 737 Message: 737

Jake,

Here are the URL's for a two very nice NRD535 PC-based controllers:

This one is free. But don't be misled; it is a very capable program.
http://home.wxs.nl/~jarkest/swl/swl.html

The next is available for evaluation. If you wish to use it long term
there is a $60(US) fee.
It has a number of logging and database features you might enjoy.

http://www.bookcase.com/library/software/win9x.rec.hamradio.html
(Look about one half way down the page, and download the snw32_32.zip file)

Have used both and they are very well done.

Hugh
K4KIN

738. NRD535 RS-232 connection

Yahoo group: nrd-525-535
Date: 2004-05-03 15:49:48 UTC
From: Hugh Shoemaker
Topic: 738 Message: 738

Jake,

You will need a "null modem" in your RS-232 connection to the NRD-535.

Hugh
K4KIN

739. Re: PC control software for NRD-535

Yahoo group: nrd-525-535
Date: 2004-05-04 16:47:06 UTC
From: Spencer Carter
Topic: 739 Message: 739

Here's a link to free PC control software for your 535. I use it with my 525 and it is AWESOME! It's called Shortwave Log: http://www.shortwavelog.com/

Spence

<<snip>>

Hi,
I would like to ask for some advise. I would like to connect my NRD 535 to my computer. I bought a serial cable DB9F to DB25. My question is will this cable work or do I need to change the pinning connections. Also, I am looking for a free computer control softwear for my NRD 535. Any suggestions?? Thanks, Jake in Reykjavik Iceland.

740. NRD545 GROUP

Yahoo group: nrd-525-535
Date: 2004-05-08 21:55:33 UTC
From: chuck33461
Topic: 740 Message: 740

Hi all,

Is there a YAHOO group for the NRD545? I can't get a list of
groups to display, so .....

Chuck

741. Re: NRD545 GROUP

Yahoo group: nrd-525-535
Date: 2004-05-08 22:02:49 UTC
From: Bjarne Mjelde
Topic: 740 Message: 741

http://groups.yahoo.com/group/NRD-545/

--- In nrd-525-535@yahoogroups.com, "chuck33461" <ka4prf@u...> wrote:
> Hi all,
>
> Is there a YAHOO group for the NRD545? I can't get a list of
> groups to display, so .....
>
> Chuck

742. NRD-525: Computer Hookup; What's Needed??

Yahoo group: nrd-525-535
Date: 2004-05-20 11:24:06 UTC
From: luckydaze_2000
Topic: 742 Message: 742

Hi

I have a stock 525. I'd like to hook it up to my computer via the computer interface port. Do I need to buy any other hardware to do this?

What hardware is needed and where can I purchase it?

Thanks
Scott

743. WTB: Murata filters

Yahoo group: nrd-525-535
Date: 2004-05-28 08:33:55 UTC
From: Ari Kilponen
Topic: 743 Message: 743

Hello guys,

I'd like to buy some Murata CFJ-455K4 and/or CFJ-455K6 filters.
Please drop me a line, if you have extra filters you want to get rid
of.

744. CFL-243

Yahoo group: nrd-525-535
Date: 2004-06-04 18:26:07 UTC
From: Ari Kilponen
Topic: 744 Message: 744

I question regarding CFL-243 Bandwidth Control Unit for 535: in the first versions it works only in SSB mode, ok? Is it possible to modify the unit working both in SSB and AM modes? Does it depend on the production version of BWC Unit or the 535 receiver itself?

745. NRD-535 top cover on eBay.

Yahoo group: nrd-525-535
Date: 2004-06-05 18:24:18 UTC
From: Al Bolton
Topic: 744 Message: 745

Hi all,

I'm selling a surplus top panel for the JRC NRD-535 receiver on eBay UK.
Although it's not mint condition, it might be of some use to someone
somewhere. Note I am in the UK, but I am happy to ship to the USA.

http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&category=1502&item=570325114
3

Al Bolton, G4VSQ
http://homepage.ntlworld.com/al.bolton Coming soon!

746. New update

Yahoo group: nrd-525-535
Date: 2004-06-13 17:03:50 UTC
From: christophe525
Topic: 746 Message: 746

Nouvelles mise à jour du site du 13 Juin 2004

http://perso.wanadoo.fr/geip/NRD525.htm

1) Nouvelle EPROM V1.5 avec 11 PAS d'incrémentation.
2) La carte de développement logiciel.
3) Mise à jour des notices de l'EPROM V1.4
4) Nouvelle page des anciennes publicités.

Tous ces liens sont disponibles depuis la page d'accueil.
QRV@...

747. FS: JRC, Drake, Wavecom accessories

Yahoo group: nrd-525-535
Date: 2004-06-15 02:08:39 UTC
From: Chuck Yarbrough
Topic: 747 Message: 747

Hi all--I have the following relatively rare accessories for sale.

JRC CMH-530 RTTY Board w/CKJ-61 Mk/Sp Tuner Unit $75.00
JRC CGA-118/CHE-85 VHF/UHF Boards Unit $150.00
JRC CMH-365 Extender Board $70.00
JRC CFL-233 (YF455DE) 1.0kHz SSB filter $75.00
JRC CFL-232 (YF455DQ) 500kHz CW filter $85.00

I also still have for sale:
Wavecom w41pc RTTY decoder board/Manual/Software $1000
Drake SL500 500Hz CW filter (R7/TR7) $50.00
Drake SL1800 1.8kHz SSB filter (R7/TR7) $50.00
Racal RA6790/GM Mode and Freq LCD replacements (NEW) $50.00

All filters are used, but have the install nuts and are guaranteed
to work. All other boards have been used but are complete and work
perfectly. The Racal LCD replacements are NEW in package with
install instructions from Gary Wingerd (Racal Service Wizard).

Please email me with any questions or offers. These are all extra to
my needs and are not being used. Please reply to me at
wampus@....

Thanks
Chuck

748. Re: [nrd-525-535] Digest Number 309

Yahoo group: nrd-525-535
Date: 2004-06-15 15:35:07 UTC
From: John Lyles
Topic: 748 Message: 748

Hello Chuck
Could you tell me if the CMH-365 extender board would work for the NRD535 receiver? It has the two connectors on the motherboard, probably similar to -525 but I am not certain. If it does, I will buy it from you. THank You.
John Lyles
New Mexico

> Date: Tue, 15 Jun 2004 02:08:39 -0000
> From: "Chuck Yarbrough" <wampus@...>
> Subject: FS: JRC, Drake, Wavecom accessories
>
> Hi all--I have the following relatively rare accessories for sale.
>
> JRC CMH-530 RTTY Board w/CKJ-61 Mk/Sp Tuner Unit $75.00
> JRC CGA-118/CHE-85 VHF/UHF Boards Unit $150.00
> JRC CMH-365 Extender Board $70.00
> JRC CFL-233 (YF455DE) 1.0kHz SSB filter $75.00
> JRC CFL-232 (YF455DQ) 500kHz CW filter $85.00
>

749. New V1.5 notice

Yahoo group: nrd-525-535
Date: 2004-06-26 18:41:58 UTC
From: christophe525
Topic: 749 Message: 749

V1.5 NRD525 EPROM English notice on:

http://perso.wanadoo.fr/geip/Doc/V15UpEn.pdf

(http://perso.wanadoo.fr/geip/NRD525.htm)

750. Re: New V1.5 notice

Yahoo group: nrd-525-535
Date: 2004-06-27 08:27:44 UTC
From: Kees
Topic: 749 Message: 750

Hello all.

Are there any activities in this matter regarding the NRD-535 ?
Can someone point out if there are any upgrades for EPROMS on this
535?

Thanks!

Kees
home: http://members.home.nl/rita.kees

--- In nrd-525-535@yahoogroups.com, "christophe525" <QRV@w...> wrote:
> V1.5 NRD525 EPROM English notice on:
>
> http://perso.wanadoo.fr/geip/Doc/V15UpEn.pdf
>
> (http://perso.wanadoo.fr/geip/NRD525.htm)

751. Re: New V1.5 notice

Yahoo group: nrd-525-535
Date: 2004-06-30 16:59:11 UTC
From: Ari Kilponen
Topic: 749 Message: 751

Nop. Or at least I haven't heard about them. Certain changes has,
however, taken place in 535's prior and after serial number 56005.

--- In nrd-525-535@yahoogroups.com, "Kees" <pa8540@h...> wrote:
> Hello all.
>
> Are there any activities in this matter regarding the NRD-535 ?
> Can someone point out if there are any upgrades for EPROMS on this
> 535?
>
> Thanks!
>
> Kees
> home: http://members.home.nl/rita.kees
>
>
>
>
>
>
> --- In nrd-525-535@yahoogroups.com, "christophe525" <QRV@w...>
wrote:
> > V1.5 NRD525 EPROM English notice on:
> >
> > http://perso.wanadoo.fr/geip/Doc/V15UpEn.pdf
> >
> > (http://perso.wanadoo.fr/geip/NRD525.htm)

753. Murata filters catalog

Yahoo group: nrd-525-535
Date: 2004-07-04 14:50:08 UTC
From: Ari Kilponen
Topic: 753 Message: 753

I have uploaded a Murata piezo filters catalog in pdf format (zipped) into the Files section. Probably most interesting part of the catalog for DX listeners is on Acrobat page # 9 (page 438 of the whole catalog), where characteristics of metal case filters are shown! These filters can be fitted to most of receivers with IF frequency of 455 kHz.

However, details of certain essential filters are missing, like CFJ455K4 (2.7 kHz -6 dB) and CFJ455K6 (2.2 kHz -6 dB).

754. Re: [nrd-525-535] Murata filters catalog

Yahoo group: nrd-525-535
Date: 2004-07-05 19:28:37 UTC
From: Bjarne Mjelde
Topic: 753 Message: 754

the K4 has been discontinued for many, many years.

Regards,
Bjarne Mjelde
Berlevag, Arctic Norway (presently in Cork, Ireland!)

<-----Original Message----->
>From: Ari Kilponen
>Sent: 4/7/2004 4:03:08 PM
>To: nrd-525-535@yahoogroups.com
>Subject: Re: [nrd-525-535] Murata filters catalog
>
>I have uploaded a Murata piezo filters catalog in pdf format (zipped)
>into the Files section. Probably most interesting part of the catalog
>for DX listeners is on Acrobat page # 9 (page 438 of the whole
>catalog), where characteristics of metal case filters are shown!
>These filters can be fitted to most of receivers with IF frequency of
>455 kHz.
>
>However, details of certain essential filters are missing, like
>CFJ455K4 (2.7 kHz -6 dB) and CFJ455K6 (2.2 kHz -6 dB).
>
>
>
>

755. NRD 535 Signal Meter

Yahoo group: nrd-525-535
Date: 2004-07-12 14:41:40 UTC
From: jake_kolbeinsson
Topic: 755 Message: 755

Hi all and many thanks for all the info I have received from various NRD 535 group members. My NRD has now been running without nay problems for a long period of time. One question, my signal meter seems to show the receiving signal to high. I have other radios and I do have good comparison for the incoming signals. Sample: My Kenwood TS-2000 shows Signal 5-7 when the NRD show 9+20 and I use the same antenna for the test. Any advise on this issue? Thanks Jake

756. wanted....JRC NRD 535

Yahoo group: nrd-525-535
Date: 2004-07-12 19:46:14 UTC
From: christianradiobroadcast
Topic: 756 Message: 756

Greetings from Athens Greece

looking for an NRD 535 in good working condition.

757. Wanted CMH-532 RS-232 Interface for the NRD-525

Yahoo group: nrd-525-535
Date: 2004-07-15 15:32:22 UTC
From: k1ota2004
Topic: 757 Message: 757

Wanted CMH-532 RS-232 Interface for the NRD-525. Contact via email at nreb@...

758. Re: wanted....JRC NRD 535

Yahoo group: nrd-525-535
Date: 2004-07-24 16:59:24 UTC
From: Ari Kilponen
Topic: 756 Message: 758

I have sent you a message concerning my 535 for sale - but I haven't
got any reply... ??

--- In nrd-525-535@yahoogroups.com, "christianradiobroadcast"
<christianradiobroadcast@y...> wrote:
> Greetings from Athens Greece
>
> looking for an NRD 535 in good working condition.

759. Re: [nrd-525-535] Re: wanted....JRC NRD 535

Yahoo group: nrd-525-535
Date: 2004-07-24 17:32:02 UTC
From: radio-broadcast ..
Topic: 756 Message: 759

sorry I haven't receive any e-mail from You.if you will send it again

Ari Kilponen <ari.kilponen@...> wrote:I have sent you a message concerning my 535 for sale - but I haven't
got any reply... ??

--- In nrd-525-535@yahoogroups.com, "christianradiobroadcast" <christianradiobroadcast@y...> wrote:
> Greetings from Athens Greece
>
> looking for an NRD 535 in good working condition.

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Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

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Do You Yahoo!?
????????? ??? ?????? ???@... ????????? ??? Yahoo! Mail.

760. JST 125 - 515

Yahoo group: nrd-525-535
Date: 2004-07-26 11:16:23 UTC
From: vedasdesign
Topic: 760 Message: 760

I have a JST 125, I suppose that the receiver is very similar to the Nrd 515 and I'm looking the way to modifie the Bfo frequency in SSB. It is to high and I like a more "baritonal" tone. Does anyone have suggestions?
Tks

761. NRD525 NOISE BLANKER BUTTON

Yahoo group: nrd-525-535
Date: 2004-07-28 11:04:05 UTC
From: jmgirard2001
Topic: 761 Message: 761

To the group.

The noise blanker button of my NRD525 seems to be unffective
When I turn this button, nothing happen, even in "pulled" position.
Doese someone has a working noise blanker on his NRD525 ?
Because I wander if it is neccessary to look inside the box to find
something wrong?

Best regards
Jean
FRANCE

762. Re: wanted....JRC NRD 535

Yahoo group: nrd-525-535
Date: 2004-07-28 11:08:23 UTC
From: Ari Kilponen
Topic: 756 Message: 762

I sent you another e-mail message through Yahoo and in case you don't get it, please drop me a line by e-mail and I will reply to you by using non-Yahoo e-mail service - many thanks!

--- In nrd-525-535@yahoogroups.com, "radio-broadcast .." <christianradiobroadcast@y...> wrote:
> sorry I haven't receive any e-mail from You.if you will send it again
>
> Ari Kilponen <ari.kilponen@p...> wrote:I have sent you a message concerning my 535 for sale - but I haven't
> got any reply... ??
>
>
> --- In nrd-525-535@yahoogroups.com, "christianradiobroadcast"
> <christianradiobroadcast@y...> wrote:
> > Greetings from Athens Greece
> >
> > looking for an NRD 535 in good working condition.
>
>
> Yahoo! Groups SponsorADVERTISEMENT
>
>
> ---
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/nrd-525-535/
>
> To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
>
>
> ---
> Do You Yahoo!?
> ÁðïêôÞóôå ôçí äùñåÜí óáò@... äéåýèõíóç óôï Yahoo! Mail.

763. Re: [nrd-525-535] NRD525 NOISE BLANKER BUTTON

Yahoo group: nrd-525-535
Date: 2004-07-28 11:08:52 UTC
From: Per-Tore Aasestrand
Topic: 761 Message: 763

Hi,

Could it be that the 1st IF (roofing) filter has been replaced with a narrower one? This could mess up the noise pulses, leaving the NB (partial) ineffective.

Per-Tore

At 13:04 28.07.2004, you wrote:
>To the group.
>
>The noise blanker button of my NRD525 seems to be unffective
>When I turn this button, nothing happen, even in "pulled" position.
>Doese someone has a working noise blanker on his NRD525 ?
>Because I wander if it is neccessary to look inside the box to find
>something wrong?
>
>Best regards
>Jean
>FRANCE
>
>
>
>
>
>
>Yahoo! Groups Links
>
>
>
>

+----------------------+------------------------------+
Per-Tore Aasestrand	E-mail : ptaa@...
P.O. Box 1708 Nordnes	Voice : + 47 - 55 32 32 35
N-5816 Bergen, Norway	Mobile : + 47 - 92 04 44 76
+----------------------+------------------------------+

764. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2004-08-03 11:25:58 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 764

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Mods/NRD-525 S-meter damping.pdf
Uploaded by : jmgirard2001 <jmgirard2001@...>
Description : S meter damping NDR-525

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Mods/NRD-525%20S-meter%20damping.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

jmgirard2001 <jmgirard2001@...>

765. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2004-08-03 11:25:18 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 765

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Mods/NRD-525 noise blanker.pdf
Uploaded by : jmgirard2001 <jmgirard2001@...>
Description : Noise blanker mod

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Mods/NRD-525%20noise%20blanker.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

jmgirard2001 <jmgirard2001@...>

766. Re: New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2004-08-03 12:31:20 UTC
From: Bjarne Mjelde
Topic: 96 Message: 766

The two recent articles by Dallas Lankford uploaded by jmgirard originate from The Dallas Files on www.kongsfjord.no. The content there is copyrighted.

Although we do not oppose that Dallas Lankford's excellent articles are distributed to the DX community, we do oppose that material from www.kongsfjord.no is published elsewhere without permission (which would be easy to obtain if we were asked), and with no reference or acknowledgement to the source.

Bjarne Mjelde
www.kongsfjord.no

--- In nrd-525-535@yahoogroups.com, nrd-525-535@yahoogroups.com wrote:
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the nrd-525-535
> group.
>
> File : /Mods/NRD-525 noise blanker.pdf
> Uploaded by : jmgirard2001 <jmgirard2001@v...>
> Description : Noise blanker mod
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/nrd-525-535/files/Mods/NRD-525%20noise%20blanker.pdf
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/help/us/groups/files
>
> Regards,
>
> jmgirard2001 <jmgirard2001@v...>

767. (no subject)

Yahoo group: nrd-525-535
Date: 2004-08-10 13:37:07 UTC
From: Brian Hill
Topic: 767 Message: 767

[Body unavailable in the source archive]

768. Re: [nrd-525-535]

Yahoo group: nrd-525-535
Date: 2004-08-10 13:29:51 UTC
From: Dallas Lankford
Topic: 768 Message: 768

Huh?
----- Original Message -----
From: Brian Hill
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, August 10, 2004 8:37 AM
Subject: [nrd-525-535]

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http://groups.yahoo.com/group/nrd-525-535/

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769. CMH-532

Yahoo group: nrd-525-535
Date: 2004-08-10 13:58:43 UTC
From: Brian Hill
Topic: 40 Message: 769

Hi all. I need this. Anybody go or know where it can be found. Thanks

73 and good DXing.
Brian
~~~~~~
A lot of radios and 100' of rusty wire!
Zumbrota, Southern MN
Brian's Radio Universe
http://webpages.charter.net/brianhill/
~~~~~~

770. Re: [nrd-525-535] CMH-532

Yahoo group: nrd-525-535
Date: 2004-08-11 19:48:20 UTC
From: QRV
Topic: 40 Message: 770

It's possible to create a RS-232 card with 82C51, MAX232 and a PIC circuit...
I will make this card for the end of 2004 year. (The prototype "CBO-232" with same functions of CMH-532 is OK, with 300,1200,2400,4800 Bauds...)

Best regards,

Christophe B.
http://perso.wanadoo.fr/geip/NRD525.htm
----- Original Message -----
From: Brian Hill
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, August 10, 2004 3:58 PM
Subject: [nrd-525-535] CMH-532

Hi all. I need this. Anybody go or know where it can be found. Thanks

73 and good DXing.
Brian
~~~~~~
A lot of radios and 100' of rusty wire!
Zumbrota, Southern MN
Brian's Radio Universe
http://webpages.charter.net/brianhill/

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~~~~~~

771. Re: [nrd-525-535] CMH-532

Yahoo group: nrd-525-535
Date: 2004-08-11 23:21:53 UTC
From: Brian Hill
Topic: 40 Message: 771

Thank you Christophe. I have no problem making one and etching my own board if you could supply the info. The 82C51 chip should be easy to locate. That info on your site seems very in depth. I wish I could read French. Thanks again.
73 and good DXing.
Brian
~~~~~~
A lot of radios and 100' of rusty wire!
Zumbrota, Southern MN
Brian's Radio Universe
http://webpages.charter.net/brianhill/

----- Original Message -----
From: QRV
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, August 11, 2004 2:48 PM
Subject: Re: [nrd-525-535] CMH-532

It's possible to create a RS-232 card with 82C51, MAX232 and a PIC circuit...
I will make this card for the end of 2004 year. (The prototype "CBO-232" with same functions of CMH-532 is OK, with 300,1200,2400,4800 Bauds...)

Best regards,

Christophe B.
http://perso.wanadoo.fr/geip/NRD525.htm
----- Original Message -----
From: Brian Hill
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, August 10, 2004 3:58 PM
Subject: [nrd-525-535] CMH-532

Hi all. I need this. Anybody go or know where it can be found. Thanks

73 and good DXing.
Brian
~~~~~~
A lot of radios and 100' of rusty wire!
Zumbrota, Southern MN
Brian's Radio Universe
http://webpages.charter.net/brianhill/

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nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

772. Dxtra Sale On WorldStationTM 3.11 / JRC 535D

Yahoo group: nrd-525-535
Date: 2004-08-17 21:24:56 UTC
From: dxtrainc
Topic: 772 Message: 772

Dxtra is running a summer sale on WorldStationTM 3.11 / JRC 535D for only $29.95.

WS 3.11 is a full featured control program for the Japan Radio 535D, including full ILG shortwave database integration and the ability to scan multiple bands at once. Over 100 program features in all.

Web Site: www.dxtra.com
Screen Shot: www.dxtra.com/ws535d_small.jpg

773. Service Manual for NRD 525

Yahoo group: nrd-525-535
Date: 2004-08-26 21:01:46 UTC
From: boettcherandreas
Topic: 773 Message: 773

Hi,
I need a manual for my NRD-525G. Is there anybody who could help me please?

Andreas

774. Re: Service Manual for NRD 525

Yahoo group: nrd-525-535
Date: 2004-08-27 08:02:48 UTC
From: rien_pa0jme
Topic: 773 Message: 774

Andreas,

Just look under files/manuals

Grusse dich Rien PA0JME

--- In nrd-525-535@yahoogroups.com, "boettcherandreas"
<boettcher.andreas@o...> wrote:
> Hi,
> I need a manual for my NRD-525G. Is there anybody who could help me
> please?
>
> Andreas

775. Re: Service Manual for NRD 525

Yahoo group: nrd-525-535
Date: 2004-08-27 09:15:05 UTC
From: Kees
Topic: 773 Message: 775

Hello Rien,

The last part of the SM (5-2) is forbidden access.
Can you "repair" that?

It cannot be accessed

73

Kees

--- In nrd-525-535@yahoogroups.com, "rien_pa0jme" <pa0jme@a...>
wrote:
> Andreas,
>
> Just look under files/manuals
>
> Grusse dich Rien PA0JME
>
> --- In nrd-525-535@yahoogroups.com, "boettcherandreas"
> <boettcher.andreas@o...> wrote:
> > Hi,
> > I need a manual for my NRD-525G. Is there anybody who could help
me
> > please?
> >
> > Andreas

776. Re: Service Manual for NRD 525

Yahoo group: nrd-525-535
Date: 2004-08-27 10:31:29 UTC
From: rien_pa0jme
Topic: 773 Message: 776

Kees,

Ik ben niet de "file-eigenaar", maar ik heb de betreffende file
even "gedownload" (staat dat eigenlijk wel in het groene boekje) en
kan het gewoon openen en bekijken. Is jouw download wel goed gelukt ?

Groeten Rien

--- In nrd-525-535@yahoogroups.com, "Kees" <pa8540@h...> wrote:
> Hello Rien,
>
> The last part of the SM (5-2) is forbidden access.
> Can you "repair" that?
>
> It cannot be accessed
>
> 73
>
> Kees
>
>
>
>
>
>
>
> --- In nrd-525-535@yahoogroups.com, "rien_pa0jme" <pa0jme@a...>
> wrote:
> > Andreas,
> >
> > Just look under files/manuals
> >
> > Grusse dich Rien PA0JME
> >
> > --- In nrd-525-535@yahoogroups.com, "boettcherandreas"
> > <boettcher.andreas@o...> wrote:
> > > Hi,
> > > I need a manual for my NRD-525G. Is there anybody who could
help
> me
> > > please?
> > >
> > > Andreas

777. RS232 CARD for NRD525

Yahoo group: nrd-525-535
Date: 2004-08-27 16:26:39 UTC
From: QRV
Topic: 777 Message: 777
Attachments: 1 described; binary payloads are missing from this source WARC

CBO-232 CARD FOR NRD525

This card have the same functions of the JRC CMH-532 card.

More info: http://perso.wanadoo.fr/geip/CBO232.htm

Best regards,

Christophe B.
http://perso.wanadoo.fr/geip/NRD525.htm

778. NRD 535 Signal meter ajustment

Yahoo group: nrd-525-535
Date: 2004-09-04 17:08:10 UTC
From: jake_kolbeinsson
Topic: 778 Message: 778

Hi all,
Well my NRD is is finally up and running on all bands after a few
hick-ups. Anyway, does anyone know how I can ajust my signal meter;
Its showing way too high of a reading compard to my ICOM-751a and
Kenwood TS-2000 using the same antennna (Vertical 4band Hustler).
All help much apreciated.

Greetings from Reykjavik Iceland,
Jake

779. Re: [nrd-525-535] NRD 535 Signal meter ajustment

Yahoo group: nrd-525-535
Date: 2004-09-04 18:05:07 UTC
From: Bjarne Mjelde
Topic: 778 Message: 779

I am not sure if the following solves your problem, however there is an article about NRD-525 S-meter damping on www.kongsfjord.no (see "The Dallas Files" on the left frame).

Regards,
Bjarne Mjelde
www.kongsfjord.no

P? Sat, 04 Sep 2004 17:08:10 -0000, skrev jake_kolbeinsson <jgk101@...>:

> Hi all,
> Well my NRD is is finally up and running on all bands after a few
> hick-ups. Anyway, does anyone know how I can ajust my signal meter;
> Its showing way too high of a reading compard to my ICOM-751a and
> Kenwood TS-2000 using the same antennna (Vertical 4band Hustler).
> All help much apreciated.
>
> Greetings from Reykjavik Iceland,
> Jake
>
>
>
>
> Yahoo! Groups Links
>
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>
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--
From The World's Northernmost DX-er
Bjarne Mjelde
Berlevag, Arctic Norway
www.kongsfjord.no

780. Seeking help to add NRD-535 / 545 to RxPlus Controller Software

Yahoo group: nrd-525-535
Date: 2004-09-07 17:55:58 UTC
From: Noel Bouchard
Topic: 780 Message: 780

Hello NRD-535 & NRD-545 Users !

I am the author of RxPlus ... a new full featured Rcvr Controller,
Audio DSP Processor, Digital Decoder and DataBase manager software.

I am currently working to add support for the 535 / 545 ...

You will find below a brief description of RxPlus ...

Since i don't have one of these great rcvrs on hand, the next
best way i have found is to use a TCP/IP remote access on
a remote NRD-535/545 setup. This way i can connect on the users machine and
do tests. RxPlus has a built-in tracing feature which i can use to
debug the program ...

So ... i am looking for someone with a (preferably) fast Internet connection
who would be willing to give me access to it's machine and to do some test for me.

In return you will get, of course, a free licence, and the chance
to contribute to what i sincerily think is a great controller software ;-)

+--+

RxPlus is a 4 in 1 program with:

- A full featured Rcvr controller
(TenTec RX320, Drake R8A/B, ICOM IC-R75 and others (NRD 535/545, Kenwood
R5000) soon ...)
with many exclusive features (Visual Band Explorer, Strong signal
Highlighting, Calibration Wizard etc ...)

- Audio DSP Processor with Noise Reduction, BanPass, Notch, Compressor /
Expander filters.

- Built-in Digital Modes Decoder wih RTTY, PSK31, HF-FAX & SSTV support !

- Full featured ILG / Users / .320 DataBase Manager.

No less than 12 ways to Tune your receiver !
- Tuning Knob, KeyBoard, KeyPad (NUM+/-), Mouse, Mouse Wheel, Visual
Band Explorer
- Memories, Quad VFOs, BookMarks, ClipBoard, "Fast Tuning" Slider and
Data Base Lookup !

You can have all details about RxPlus at:

http://www.cam.org/~noelbou/RxPlus

Check the Receiver specific page at:

http://www.cam.org/~noelbou/RxPlus/RxPlusRcvrs.php

There will eventually be one of these for the NRD-535/545 ...

+--+

Thanks for you time and good listenning !

No?l Bouchard
RxPlus Developer.

781. NOTE on: Seeking help to add NRD-535 / 545 to RxPlus Controller Software

Yahoo group: nrd-525-535
Date: 2004-09-07 18:12:05 UTC
From: Noel Bouchard
Topic: 781 Message: 781

Hello again !

I forgot to say that the version that is my site does NOT support the NRD535/545 yet ... so please "hold on" before downloading .... (well ... it is in a EARLY BETA stage right now ...)

I will keep you posted when i get a decent version available for your prefered rcvr ...

No?l

782. CBO-232 notice & new update

Yahoo group: nrd-525-535
Date: 2004-09-08 20:09:49 UTC
From: christophe525
Topic: 782 Message: 782

http://perso.wanadoo.fr/geip/notices.htm
8 September 2004 - New update.

1) RS-232 card: English notice (CBO-232)
(http://perso.wanadoo.fr/geip/CBO232.htm)

2) V1.5 EPROM kit: English notice

783. Filters & Bandwidth ???

Yahoo group: nrd-525-535
Date: 2004-09-15 17:11:50 UTC
From: Noël Bouchard
Topic: 783 Message: 783

Hello 535 Users !

Can someone explain me something about the 535 ...

I see there is a "Bandwidth" command with WIDE, INTER & NARROW & AUX

AND a "Bandwidth Control" command with seetings from 500 to 2400 Hz
wide ...

How these work togheter ?
Does using the Bandwith command set a predefined value to the
BWC or do they work independently ?

Thanks for your help !

Noël

784. Re: [nrd-525-535] Filters & Bandwidth ???

Yahoo group: nrd-525-535
Date: 2004-09-16 03:26:21 UTC
From: Brian Denley
Topic: 783 Message: 784

No?l Bouchard wrote:
> Hello 535 Users !
>
> Can someone explain me something about the 535 ...
>
> I see there is a "Bandwidth" command with WIDE, INTER & NARROW & AUX
>
> AND a "Bandwidth Control" command with seetings from 500 to 2400 Hz
> wide ...
>
> How these work togheter ?
> Does using the Bandwith command set a predefined value to the
> BWC or do they work independently ?
>
> Thanks for your help !
>
> No?l

Noel:
Only the 535s with the optional bandwidth control unit (CFL-243W) have the ability to set the bandwidth control. This option was standard on the 535D. With the filter set to the WIDE postion, the bandwidth control allows the user to vary the filter bandwidth from 5.5 KHz down to 2 Khz in 10 Hz steps. With the filter set to the INTER position, the bandwidth control allows the user to set the bandwidth from 2.2 KHz down to 0.5 KHz.. It is not clear to me whether one needs to change the filter setting under computer control before using the bandwidth control commands but It would seem to be the case.

Brian Denley
http://home.comcast.net/~b.denley/index.html

785. EPROM 535(D)?

Yahoo group: nrd-525-535
Date: 2004-09-18 16:40:58 UTC
From: Kees
Topic: 785 Message: 785

Hi all,

Does someone have the ROM-data (digital or phisycal) of the two
EPROM's in the NRD-535(D)?
Please ley me know.

Thanks

Kees

786. Re: [nrd-525-535] Filters & Bandwidth ???

Yahoo group: nrd-525-535
Date: 2004-09-19 16:10:09 UTC
From: Fabrizio Magrone
Topic: 783 Message: 786

Hello No?l,

>Can someone explain me something about the 535 ...
>I see there is a "Bandwidth" command with WIDE, INTER & NARROW & AUX,
>AND a "Bandwidth Control" command with seetings from 500 to 2400 Hz
>wide ...
>
>How these work togheter ?
>Does using the Bandwith command set a predefined value to the
>BWC or do they work independently?

it depends on what filters you have installed in your 535 and if you have the bandwidth option or not.

The Bandwidth key switches the installed filters: Wide, Inter and, if you have them, Aux and/or Narrow. If you have no optional filters, the Bandwidth key switches between the stock Wide and Inter filters only.

If you have the Bandwidth option, the BW knob narrows and widens the Wide and Inter filters, so that you have a continuous bandwidth control. This knob has no effect on Narrow and Aux filters, if installed: they have their fixed value only.

In the early 535 receivers, the Bandwidth knob worked on one filter only (the Inter filter, if I remember well). In the later models, the effect was extended to the Wide filter too. JRC marketed an upgrading kit, with two new Eproms, to modify the early models and extend the bandwidth control to Wide and Inter filters.

If you have the Bandwidth control option, probably you won't need the Aux filter, assuming its value lies in the Wide/Inter range, because you can use the continuous BW control to obtain any value in this range . On the other side, you can't obtain a value under 500 Hz with the BW control, so you'll need a fixed Narrow filter to obtain a selectivity under 500 Hz. Of course you could also use two different narrow filters, one in the Aux and one in the Narrow slot.

A fixed Aux filter will have a slightly better skirt selectivity than the same value obtained with the BW control, so if you *really* need the ultimate selectivity performance down to the latest dB at a fixed value, install an (expensive) optional filter in the Aux slot; but don't expect huge differences.

Hope this helps; 73

Fabrizio

787. New update NRD-525 site

Yahoo group: nrd-525-535
Date: 2004-09-21 20:33:00 UTC
From: christophe525
Topic: 787 Message: 787

21 September 2004 - NEW UPDATE

(CBO-232 card, EPROM, composants, notices, modifs)

http://perso.wanadoo.fr/geip/NRD525.htm

788. Re: NRD 535 Signal meter ajustment

Yahoo group: nrd-525-535
Date: 2004-09-23 12:48:42 UTC
From: Ari Kilponen
Topic: 778 Message: 788

Hi Jake,
I think it is useless to compare S-meter readings of different receivers, as each reading depends on the techniques of receiver itself.

Anyway, this is the adjusting procedure according to Service Manual of 535:
1. Set for the condition to measure the sensitivity. (?)
2. Control settings:
- receiving frequency: 7.1 MHz
- AGC: ON
- att: OFF
- mode: LSB
- bandwidth: inter
3. Set the signal generator for a frequency of 7.1 MHz and a level of 40 dBu, CW.
4. Adjust RV5 for a reading of S9 on the S-meter.

RV5 lies on the CAE-227A IF Amp Unit.

--- In nrd-525-535@yahoogroups.com, "jake_kolbeinsson" <jgk101@s...> wrote:
> Hi all,
> Well my NRD is is finally up and running on all bands after a few
> hick-ups. Anyway, does anyone know how I can ajust my signal meter;
> Its showing way too high of a reading compard to my ICOM-751a and
> Kenwood TS-2000 using the same antennna (Vertical 4band Hustler).
> All help much apreciated.
>
> Greetings from Reykjavik Iceland,
> Jake

789. RxPlus now available for the NRD-535

Yahoo group: nrd-525-535
Date: 2004-09-23 20:20:00 UTC
From: Noel Bouchard
Topic: 789 Message: 789

Hello NRD-535 Users !

I am pleased to announce that RxPlus is now available for the NRD-535.

RxPlus is a 4 in 1 program with:

- A full featured Rcvr controller
with many exclusive features (Visual Band Explorer, Strong signal
Highlighting, Calibration Wizard etc ...)

- Audio DSP Processor with Noise Reduction, BanPass, Notch, Compressor /
Expander filters.

- Built-in Digital Modes Decoder wih RTTY, PSK31, HF-FAX & SSTV support !
- Built in 12Khz IF AM / SSB decoder.

- Full featured ILG / Users / .320 DataBase Manager.

No less than 12 ways to Tune your receiver !
- Tuning Knob, KeyBoard, KeyPad (NUM+/-), Mouse, Mouse Wheel, Visual
Band Explorer
- Memories, Quad VFOs, BookMarks, ClipBoard, "Fast Tuning" Slider and
Data Base Lookup !

You can have all details about RxPlus at:

http://www.cam.org/~noelbou/RxPlus (http://www.cam.org/%7Enoelbou/RxPlus)

Check the NRD-535 specific page at:

http://www.cam.org/~noelbou/RxPlus/RxPlusRcvrs.php#JRC
(http://www.cam.org/%7Enoelbou/RxPlus/RxPlusRcvrs.php)

+--+

Thanks for you time and good listenning !

Noël Bouchard
RxPlus Developer.

790. Re: [nrd-525-535] RxPlus now available for the NRD-535

Yahoo group: nrd-525-535
Date: 2004-09-24 03:34:41 UTC
From: Brian Denley
Topic: 789 Message: 790

Noel Bouchard wrote:
> Hello NRD-535 Users !
>
> I am pleased to announce that RxPlus is now available for the NRD-535.
>
> RxPlus is a 4 in 1 program with:
>
> - A full featured Rcvr controller
> with many exclusive features (Visual Band Explorer, Strong signal
> Highlighting, Calibration Wizard etc ...)
>
> - Audio DSP Processor with Noise Reduction, BanPass, Notch,
> Compressor / Expander filters.
>
> - Built-in Digital Modes Decoder wih RTTY, PSK31, HF-FAX & SSTV
> support !
> - Built in 12Khz IF AM / SSB decoder.
>
> - Full featured ILG / Users / .320 DataBase Manager.
>
> No less than 12 ways to Tune your receiver !
> - Tuning Knob, KeyBoard, KeyPad (NUM+/-), Mouse, Mouse Wheel, Visual
> Band Explorer
> - Memories, Quad VFOs, BookMarks, ClipBoard, "Fast Tuning" Slider and
> Data Base Lookup !
>

Noel:
Works great - nice work!
Decoding FAX right now from 4271 KHz

Brian Denley
http://home.comcast.net/~b.denley/index.html

791. Programming infos. for the NRD-525 ...

Yahoo group: nrd-525-535
Date: 2004-09-24 13:25:20 UTC
From: Noël Bouchard
Topic: 791 Message: 791

Hello Group !

Would anyone have some programming infos for the NRD-525 ?

Is the command set similar or maybe a sub-set of the NRD-535 cmds ?

Does it also uses 4800 Baud 8 N 1 comm parameters ?

Any information would be appreciated.

Thanks !

Noël Bouchard
RxPlus Developer

792. Re: [nrd-525-535] Programming infos. for the NRD-525 ...

Yahoo group: nrd-525-535
Date: 2004-09-26 19:54:04 UTC
From: QRV
Topic: 791 Message: 792

Hello No?l,

A0/A1,
B0/B1/B2/B3 (B4 only on the NRD-525 **),
Cxxx,
D0/D1/D2/D3/D4/D5 (D6 and D7 only on NRD-535),
E1,
Fmmkkkhhh on NRD-535 and Fmmmkkkhh on NRD-525 (mm/mmm= MHz, kkk= KHz,
hhh/hh= Hz)
G0/G1/G2,
H0/H1,
I0/I1
commands are similars on the NRD-525 and 535.

On NRD-535: J1ccc write memory ccc,
on NRD-525: J1 displayed personnals parameters **

With the CMH-532 card, the NRD-525 works 300 and 1200 Bauds 8 N 1.
It can works 2400 and 4800 Bauds 8 N 1 with the CBO-232 card.

(** = after the V1.4 EPROM Version, the NRD-525 have the B4 and J1
functions).

See NRD-525 Quick reference guide =>
http://perso.wanadoo.fr/geip/Doc/Aide232En.pdf

Best regards,
Christophe B.

----- Original Message -----
From: "No?l Bouchard" <noel@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, September 24, 2004 3:25 PM
Subject: [nrd-525-535] Programming infos. for the NRD-525 ...

Hello Group !

Would anyone have some programming infos for the NRD-525 ?

Is the command set similar or maybe a sub-set of the NRD-535 cmds ?

Does it also uses 4800 Baud 8 N 1 comm parameters ?

Any information would be appreciated.

Thanks !

No?l Bouchard
RxPlus Developer

Yahoo! Groups Links

793. Re: [nrd-525-535] Programming infos. for the NRD-525 ...

Yahoo group: nrd-525-535
Date: 2004-09-26 23:41:06 UTC
From: Noel Bouchard
Topic: 791 Message: 793

Hello Christophe !

Merci beaucoup pour l'information !

Salutations du Québec

Noël

QRV wrote:

Hello Noël,

A0/A1,
B0/B1/B2/B3 (B4 only on the NRD-525 **),
Cxxx,
D0/D1/D2/D3/D4/D5 (D6 and D7 only on NRD-535),
E1,
Fmmkkkhhh on NRD-535 and Fmmmkkkhh on NRD-525 (mm/mmm= MHz, kkk= KHz,
hhh/hh= Hz)
G0/G1/G2,
H0/H1,
I0/I1
commands are similars on the NRD-525 and 535.

On NRD-535: J1ccc write memory ccc,
on NRD-525: J1 displayed personnals parameters **

With the CMH-532 card, the NRD-525 works 300 and 1200 Bauds 8 N 1.
It can works 2400 and 4800 Bauds 8 N 1 with the CBO-232 card.

(** = after the V1.4 EPROM Version, the NRD-525 have the B4 and J1
functions).

See NRD-525 Quick reference guide =>
http://perso.wanadoo.fr/geip/Doc/Aide232En.pdf

Best regards,
Christophe B.

----- Original Message -----
From: "Noël Bouchard"
To:
Sent: Friday, September 24, 2004 3:25 PM
Subject: [nrd-525-535] Programming infos. for the NRD-525 ...

Hello Group !

Would anyone have some programming infos for the NRD-525 ?

Is the command set similar or maybe a sub-set of the NRD-535 cmds ?

Does it also uses 4800 Baud 8 N 1 comm parameters ?

Any information would be appreciated.

Thanks !

Noël Bouchard
RxPlus Developer

Yahoo! Groups Links

794. NRD-525 Repairs

Yahoo group: nrd-525-535
Date: 2004-09-29 20:00:42 UTC
From: bthessy
Topic: 794 Message: 794

Hi group,

I'm new to shortwave and recently got a nrd-525 receiver.
Unfortunately it was dropped and the tuning wheel no longer
functions. Does anyone know of reliable repair facilities for these
radios in the US. I'm learning more all the time from the group's
archives and various posts.

Thanks,
Paul

795. Poor Audio Quality, Duuuhhh!!!

Yahoo group: nrd-525-535
Date: 2004-10-12 00:37:33 UTC
From: ra6830
Topic: 795 Message: 795

For years I have read about the really poor (some said awful) audio quality of the 525 (variously referred to as mediocre, too bassy, muffled on anything but the strongest signals... and sometimes, in addition, wide band hiss). In my opinion, no, no, no, and no. Perhaps some of these references to poor 525 audio quality were for the built-in speaker, but some were definitely for reasonably good external speakers. My comments below are for a good quality external speaker (a small black die cast Radio Shack speaker, nominally $29.95) and hi fi headphones.

Yes, my 525 does not have the best audio of any of my receivers, but it is not all that bad. And yes, my 525 audio is bassy, but it never seemed excessively bassy to me. And yes, my 525 audio is slightly muffled, but it never seemed badly muffled to me. But no, I could never hear the hiss they talked about unless it set the TONE control fully clockwise, and even then it wasn't all that much hiss, at leas not to my ears (which have quite good flat response to beyond 15 kHz).

But yesterday it occurred to me that maybe the 525 TONE control wasn't really a tone control (just like the TONE contol in the NRD-545 isn't really a TONE control). So just for fun I turned my 525 TONE control from 12 o'clock (where it has mostly been since I bought it) to fully clockwise, and tuned around listening to various strong and weak AM signals. To my amazement, the audio quality seemed better than it had been before... in fact, as good as any of my other receivers with good audio. The audio no longer sounded somewhat bassy, but normal. The audio was no longer slightly muffled, but crisp and clear... as crisp and clear as the sudio of any of my other receivers with good audio.

To see if my ears were tricking me, I made some measurements of the 525 audio frequency response with the TONE control at various positions. The results were informative to say the least. With the TONE control set at 12 o'clock (what I, and I presume others, have assumed was flat audio response), the frequency response at 10 kHz was down 10 dB, at 5 kHz it was still down 10 dB, and even at 3 kHz it was down 8 dB. No wonder the 525 sounded bassy and muffled... it was bassy and muffled with the TONE control set at 12 o'clock. However, with the TONE control set fully clockwise, audio frequency response is essentially flat from 100 Hz to beyond 10 kHz, and slowly rolls off below 100 Hz (-6 dB at 50 Hz). For a 6 kHz BW, as I said above, the hiss with the TONE control set fully clockwise is not a problem, at least not to my ears. I haven't used it enough at 3.2 kHz and 2.4 kHz to form an opinion about the hiss with the TONE control set fully clockwise. If it becomes an issue for me, I would

use a good external audio filter to cut the highs.

So yes, the 525 has somewhat poor audio quality if you set the TONE control at 12 o'clock as I and many others have done for many years. Duuuhhh!!!

796. RS-232 on NRD-535D, please help

Yahoo group: nrd-525-535
Date: 2004-10-12 08:06:46 UTC
From: dutch27052002
Topic: 796 Message: 796

Hello group,
Since a few days i own a secondhand 535D, after several years playing with different receivers (R75, FRG-7700, R70 etc.)
It´s working great, and i really like the way it´s built, but there´s one (minor) thing i can´t figure out:
For a strange reason i can´t make any contact between my laptop and the 535, and after trying several different cabelconfigurations it´s still not working. I used to connect my R75 without any problem, to store and retrieve memory-channels via Mark Fine´s software.
Because the 535 is equiped with a 25-pole connector and my laptop with a 9-pole, i had to make my own cable (after i´ve searched the net for the right info) but whatever i do, nothing seems to work.
Of course i checked the portsetting serveral times, but when i try to use SmartNRD i can´t activate the connection. I opened the cabinet to look for any broken wires, but everything looks alright to me.I even tried to connect through hyperterminal, but there i can´t even type or send commands.
What can i say more? It should be nice to store my memorychannels, but i can´t figure what could be wrong here.
73´s from The Netherlands
Bjern

797. Fw: Poor Audio Quality, Duuuhhh!!!

Yahoo group: nrd-525-535
Date: 2004-10-12 13:48:46 UTC
From: Dallas Lankford
Topic: 797 Message: 797

Test. I never got a copy, so I don't think this was ever received (or reflected) by the reflector.

----- Original Message -----
From: "ra6830" <dallas@...>
To: <dallas@...>
Sent: Tuesday, October 12, 2004 6:43 AM
Subject: Fwd: Poor Audio Quality, Duuuhhh!!!

>
> --- In nrd-525-535@yahoogroups.com, "ra6830" <dallas@b...> wrote:
>
> For years I have read about the really poor (some said awful) audio
> quality of the 525 (variously referred to as mediocre, too bassy,
> muffled on anything but the strongest signals... and sometimes, in
> addition, wide band hiss). In my opinion, no, no, no, and no.
> Perhaps some of these references to poor 525 audio quality were for
> the built-in speaker, but some were definitely for reasonably good
> external speakers. My comments below are for a good quality
> external speaker (a small black die cast Radio Shack speaker,
> nominally $29.95) and hi fi headphones.
>
> Yes, my 525 does not have the best audio of any of my receivers, but
> it is not all that bad. And yes, my 525 audio is bassy, but it
> never seemed excessively bassy to me. And yes, my 525 audio is
> slightly muffled, but it never seemed badly muffled to me. But no,
> I could never hear the hiss they talked about unless it set the TONE
> control fully clockwise, and even then it wasn't all that much hiss,
> at leas not to my ears (which have quite good flat response to
> beyond 15 kHz).
>
> But yesterday it occurred to me that maybe the 525 TONE control
> wasn't really a tone control (just like the TONE contol in the NRD-
> 545 isn't really a TONE control). So just for fun I turned my 525
> TONE control from 12 o'clock (where it has mostly been since I
> bought it) to fully clockwise, and tuned around listening to various
> strong and weak AM signals. To my amazement, the audio quality
> seemed better than it had been before... in fact, as good as any of
> my other receivers with good audio. The audio no longer sounded
> somewhat bassy, but normal. The audio was no longer slightly
> muffled, but crisp and clear... as crisp and clear as the sudio of
> any of my other receivers with good audio.
>
> To see if my ears were tricking me, I made some measurements of the
> 525 audio frequency response with the TONE control at various

> positions. The results were informative to say the least. With the
> TONE control set at 12 o'clock (what I, and I presume others, have
> assumed was flat audio response), the frequency response at 10 kHz
> was down 10 dB, at 5 kHz it was still down 10 dB, and even at 3 kHz
> it was down 8 dB. No wonder the 525 sounded bassy and muffled... it
> was bassy and muffled with the TONE control set at 12 o'clock.
> However, with the TONE control set fully clockwise, audio frequency
> response is essentially flat from 100 Hz to beyond 10 kHz, and
> slowly rolls off below 100 Hz (-6 dB at 50 Hz). For a 6 kHz BW, as
> I said above, the hiss with the TONE control set fully clockwise is
> not a problem, at least not to my ears. I haven't used it enough at
> 3.2 kHz and 2.4 kHz to form an opinion about the hiss with the TONE
> control set fully clockwise. If it becomes an issue for me, I would
> use a good external audio filter to cut the highs.
>
> So yes, the 525 has somewhat poor audio quality if you set the TONE
> control at 12 o'clock as I and many others have done for many
> years. Duuuhhh!!!
> --- End forwarded message ---
>
>
>
>
>
>
> ---
> Scanned by Bayou Internet for all known viruses.
> http://www.bayou.com
>

798. Re: Fw: Poor Audio Quality, Duuuhhh!!!

Yahoo group: nrd-525-535
Date: 2004-10-12 14:32:18 UTC
From: ringmodulator99
Topic: 797 Message: 798

Hello Dallas,

I had received your posting without a problem.

BTW: How did you perform the audio measurements?

Regards
Chris

--- In nrd-525-535@yahoogroups.com, "Dallas Lankford" <dallas@b...> wrote:
> Test. I never got a copy, so I don't think this was ever received (or
> reflected) by the reflector.
>
> ----- Original Message -----
> From: "ra6830" <dallas@b...>
> To: <dallas@b...>
> Sent: Tuesday, October 12, 2004 6:43 AM
> Subject: Fwd: Poor Audio Quality, Duuuhhh!!!
>
>
> >
> > --- In nrd-525-535@yahoogroups.com, "ra6830" <dallas@b...> wrote:
> >
> > For years I have read about the really poor (some said awful) audio
> > quality of the 525 (variously referred to as mediocre, too bassy,
> > muffled on anything but the strongest signals... and sometimes, in
> > addition, wide band hiss). In my opinion, no, no, no, and no.

cut

799. Re: [nrd-525-535] Re: Fw: Poor Audio Quality, Duuuhhh!!!

Yahoo group: nrd-525-535
Date: 2004-10-12 15:20:02 UTC
From: Dallas Lankford
Topic: 797 Message: 799

Hi Chris,

I used four ways (to quadruple check the results) to measure the audio response of one of my NRD-525's. (A) measure the audio output voltage with a scope, or (B) use a reasonably good DMM (or DVM as they used to be called) to measure the audio output voltage. I use the headphone output, but you could also use the speaker output. The LINE OUT is not effected by the TONE control, so it should not be used for these measurements. To generate the audio frequency (I) use CW with the BFO control set to 12 o'clock and a single signal generator and with the 525 in its widest BW (nominally 15 kHz) tune the 525 away from zero beat until audio is no longer heard or seen (you can measure up to about 7500 Hz this way), or (II) use two signal generators and tune one away from the other with the 525 offset tuned to the one (you can measure up to about 10,000 Hz this way). By combining (A), (B), and (I), (II) in various ways you get four different ways of measuring the 525 audio frequency response. A 10 dB decrease in audio voltage corresponds to a decrease in the voltage by a factor of about 3: 20 log(1/3) = -9.54 dB.

Best regards,

Dallas

----- Original Message -----
From: ringmodulator99
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, October 12, 2004 9:32 AM
Subject: [nrd-525-535] Re: Fw: Poor Audio Quality, Duuuhhh!!!

Hello Dallas,

I had received your posting without a problem.

BTW: How did you perform the audio measurements?

Regards
Chris

--- In nrd-525-535@yahoogroups.com, "Dallas Lankford" <dallas@b...> wrote:
> Test. I never got a copy, so I don't think this was ever received (or
> reflected) by the reflector.
>
> ----- Original Message -----
> From: "ra6830" <dallas@b...>
> To: <dallas@b...>
> Sent: Tuesday, October 12, 2004 6:43 AM
> Subject: Fwd: Poor Audio Quality, Duuuhhh!!!
>
>
> >

> > --- In nrd-525-535@yahoogroups.com, "ra6830" <dallas@b...> wrote:
> >
> > For years I have read about the really poor (some said awful) audio
> > quality of the 525 (variously referred to as mediocre, too bassy,
> > muffled on anything but the strongest signals... and sometimes, in
> > addition, wide band hiss). In my opinion, no, no, no, and no.

cut

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a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---------- Scanned by Bayou Internet for all known viruses. http://www.bayou.com

800. Re: [nrd-525-535] Fw: Poor Audio Quality, Duuuhhh!!!

Yahoo group: nrd-525-535
Date: 2004-10-12 18:22:36 UTC
From: Bjarne Mjelde
Topic: 797 Message: 800

I did get it.

P? Tue, 12 Oct 2004 08:48:46 -0500, skrev Dallas Lankford
<dallas@...>:

>
> Test. I never got a copy, so I don't think this was ever received (or
> reflected) by the reflector.
>
> ----- Original Message -----
> From: "ra6830" <dallas@...>
> To: <dallas@...>
> Sent: Tuesday, October 12, 2004 6:43 AM
> Subject: Fwd: Poor Audio Quality, Duuuhhh!!!
>
>
>>
>> --- In nrd-525-535@yahoogroups.com, "ra6830" <dallas@b...> wrote:
>>
>> For years I have read about the really poor (some said awful) audio
>> quality of the 525 (variously referred to as mediocre, too bassy,
>> muffled on anything but the strongest signals... and sometimes, in
>> addition, wide band hiss). In my opinion, no, no, no, and no.
>> Perhaps some of these references to poor 525 audio quality were for
>> the built-in speaker, but some were definitely for reasonably good
>> external speakers. My comments below are for a good quality
>> external speaker (a small black die cast Radio Shack speaker,
>> nominally $29.95) and hi fi headphones.
>>
>> Yes, my 525 does not have the best audio of any of my receivers, but
>> it is not all that bad. And yes, my 525 audio is bassy, but it
>> never seemed excessively bassy to me. And yes, my 525 audio is
>> slightly muffled, but it never seemed badly muffled to me. But no,
>> I could never hear the hiss they talked about unless it set the TONE
>> control fully clockwise, and even then it wasn't all that much hiss,
>> at leas not to my ears (which have quite good flat response to
>> beyond 15 kHz).
>>
>> But yesterday it occurred to me that maybe the 525 TONE control
>> wasn't really a tone control (just like the TONE contol in the NRD-
>> 545 isn't really a TONE control). So just for fun I turned my 525
>> TONE control from 12 o'clock (where it has mostly been since I
>> bought it) to fully clockwise, and tuned around listening to various
>> strong and weak AM signals. To my amazement, the audio quality
>> seemed better than it had been before... in fact, as good as any of

>> my other receivers with good audio. The audio no longer sounded
>> somewhat bassy, but normal. The audio was no longer slightly
>> muffled, but crisp and clear... as crisp and clear as the sudio of
>> any of my other receivers with good audio.
>>
>> To see if my ears were tricking me, I made some measurements of the
>> 525 audio frequency response with the TONE control at various
>> positions. The results were informative to say the least. With the
>> TONE control set at 12 o'clock (what I, and I presume others, have
>> assumed was flat audio response), the frequency response at 10 kHz
>> was down 10 dB, at 5 kHz it was still down 10 dB, and even at 3 kHz
>> it was down 8 dB. No wonder the 525 sounded bassy and muffled... it
>> was bassy and muffled with the TONE control set at 12 o'clock.
>> However, with the TONE control set fully clockwise, audio frequency
>> response is essentially flat from 100 Hz to beyond 10 kHz, and
>> slowly rolls off below 100 Hz (-6 dB at 50 Hz). For a 6 kHz BW, as
>> I said above, the hiss with the TONE control set fully clockwise is
>> not a problem, at least not to my ears. I haven't used it enough at
>> 3.2 kHz and 2.4 kHz to form an opinion about the hiss with the TONE
>> control set fully clockwise. If it becomes an issue for me, I would
>> use a good external audio filter to cut the highs.
>>
>> So yes, the 525 has somewhat poor audio quality if you set the TONE
>> control at 12 o'clock as I and many others have done for many
>> years. Duuuhhh!!!
>> --- End forwarded message ---
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From The World's Northernmost DX-er

Bjarne Mjelde
Berlevag, Arctic Norway
www.kongsfjord.no

801. Re: Fw: Poor Audio Quality, Duuuhhh!!!

Yahoo group: nrd-525-535
Date: 2004-10-12 18:42:58 UTC
From: ringmodulator99
Topic: 797 Message: 801

Hi Dallas,

thats the way I tried it on my Kenwood tranceiver to check the filter skirts (at least the -6 dB points).

Just two additional remarks, if somebody tries to verify your findings on his set:

- Take care that the AGC is not kicking in (for filter evaluation) or stays constant, so that the audiolevel is not influenced.

- The first filter FL2 on 455 kHz is always in the signalpath. It may be considerably uneven within its passband, so dont take the results too serious.

Hint:
In lack of a real laboratory grade signalgenerator, I use a simple integrated TTL oscillator on 14,000 Mhz in a metal housing. This gadged seved me well for receiver adjustment.

Best regards
Chris
--- In nrd-525-535@yahoogroups.com, "Dallas Lankford" <dallas@b...> wrote:
> Hi Chris,
>
> I used four ways (to quadruple check the results) to measure the audio response of one of my NRD-525's. (A) measure the audio output voltage with a scope, or (B) use a reasonably good DMM (or DVM as they used to be called) to measure the audio output voltage. I use the headphone output, but you could also use the speaker output. The LINE OUT is not effected by the TONE control, so it should not be used for these measurements. To generate the audio frequency (I) use CW with the BFO control set to 12 o'clock and a single signal generator and with the 525 in its widest BW (nominally 15 kHz) tune the 525 away from zero beat until audio is no longer heard or seen (you can measure up to about 7500 Hz this way), or (II) use two signal generators and tune one away from the other with the 525 offset tuned to the one (you can measure up to about 10,000 Hz this way). By combining (A), (B), and (I), (II) in various ways you get four different ways of measuring the 525 audio frequency response. A 10 dB decrease in audio voltage corresponds to a decrease in the voltage by a factor of about 3: 20 log(1/3) = -9.54 dB.
>
> Best regards,
>
> Dallas

>
>

802. Re: RS-232 on NRD-535D, please help

Yahoo group: nrd-525-535
Date: 2004-10-12 19:19:48 UTC
From: ringmodulator99
Topic: 796 Message: 802

Hi Bjern,

did you check:

http://www.fineware-swl.com/faq.html

Scroll down to the table for the 535 and there you have the info you need.

Regards from Cologne
Chris

--- In nrd-525-535@yahoogroups.com, "dutch27052002" <bsnelders@b...>
wrote:
>
> Hello group,
> Since a few days i own a secondhand 535D, after several years playing
> with different receivers (R75, FRG-7700, R70 etc.)
> It´s working great, and i really like the way it´s built, but there´s
> one (minor) thing i can´t figure out:
> For a strange reason i can´t make any contact between my laptop and
> the 535, and after trying several different cabelconfigurations it´s
> still not working. I used to connect my R75 without any problem, to
> store and retrieve memory-channels via Mark Fine´s software.
> Because the 535 is equiped with a 25-pole connector and my laptop
> with a 9-pole, i had to make my own cable (after i´ve searched the
> net for the right info) but whatever i do, nothing seems to work.
> Of course i checked the portsetting serveral times, but when i try to
> use SmartNRD i can´t activate the connection. I opened the cabinet to
> look for any broken wires, but everything looks alright to me.I even
> tried to connect through hyperterminal, but there i can´t even type
> or send commands.
> What can i say more? It should be nice to store my memorychannels,
> but i can´t figure what could be wrong here.
> 73´s from The Netherlands
> Bjern

803. Re: [nrd-525-535] Re: Fw: Poor Audio Quality, Duuuhhh!!!

Yahoo group: nrd-525-535
Date: 2004-10-12 20:05:25 UTC
From: Dallas Lankford
Topic: 797 Message: 803

Hi Chris,

Thanks for your additional comments. To repeat what you said, so that someone who tries to do these kinds of measurements does not get incorrect results, filter shapes should be measured near the noise floor of the 525 with the AGC turned OFF. FL2 in the 525 is (nominally) 15 kHz wide ... maybe a bit wider. In my experience it is virtually flat for measuring filter shapes for the 6 kHz BW and narrower. For measuring audio frequency response, the AGC should be turned ON. This holds the audio frequency response virtually flat with respect to filter ripple and skewing. With these precautions, the results in both cases should be quite accurate.

Best regards,

Dallas
----- Original Message -----
From: ringmodulator99
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, October 12, 2004 1:42 PM
Subject: [nrd-525-535] Re: Fw: Poor Audio Quality, Duuuhhh!!!

Hi Dallas,

thats the way I tried it on my Kenwood tranceiver to check the filter
skirts (at least the -6 dB points).

Just two additional remarks, if somebody tries to verify your findings
on his set:

- Take care that the AGC is not kicking in (for filter evaluation) or
stays constant, so that the audiolevel is not influenced.

- The first filter FL2 on 455 kHz is always in the signalpath. It may
be considerably uneven within its passband, so dont take the results
too serious.

Hint:
In lack of a real laboratory grade signalgenerator, I use a simple
integrated TTL oscillator on 14,000 Mhz in a metal housing. This
gadged seved me well for receiver adjustment.

Best regards
Chris
--- In nrd-525-535@yahoogroups.com, "Dallas Lankford" <dallas@b...> wrote:
> Hi Chris,
>
> I used four ways (to quadruple check the results) to measure the
audio response of one of my NRD-525's. (A) measure the audio output

voltage with a scope, or (B) use a reasonably good DMM (or DVM as they used to be called) to measure the audio output voltage. I use the headphone output, but you could also use the speaker output. The LINE OUT is not effected by the TONE control, so it should not be used for these measurements. To generate the audio frequency (I) use CW with the BFO control set to 12 o'clock and a single signal generator and with the 525 in its widest BW (nominally 15 kHz) tune the 525 away from zero beat until audio is no longer heard or seen (you can measure up to about 7500 Hz this way), or (II) use two signal generators and tune one away from the other with the 525 offset tuned to the one (you can measure up to about 10,000 Hz this way). By combining (A), (B), and (I), (II) in various ways you get four different ways of measuring the 525 audio frequency response. A 10 dB decrease in audio voltage corresponds to a decrease in the voltage by a factor of about 3: 20 log(1/3) = -9.54 dB.

> Best regards,
>
> Dallas
>
>

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804. Re: RS-232 on NRD-535D, please help

Yahoo group: nrd-525-535
Date: 2004-10-13 10:01:43 UTC
From: dutch27052002
Topic: 796 Message: 804

Chris, thank you for your response... I´ve got some info from local NRD-users as well, in particular Johan Habing, and it appeared that my cable was wrong.. it indeed differs from a normal 1:1 serial cable so i´ve remade my cable and now it´s working.
I´m a nerd concerning electronics, but whit the help of this group my problems are solved....
Thanks guys...

73´s from the Netherlands
Bjern

--- In nrd-525-535@yahoogroups.com, "ringmodulator99" <junkbox@a...> wrote:
>
> Hi Bjern,
>
> did you check:
>
> http://www.fineware-swl.com/faq.html
>
> Scroll down to the table for the 535 and there you have the info you need.
>
> Regards from Cologne
> Chris
>
>
> --- In nrd-525-535@yahoogroups.com, "dutch27052002" <bsnelders@b...> wrote:
> >
> > Hello group,
> > Since a few days i own a secondhand 535D, after several years playing
> > with different receivers (R75, FRG-7700, R70 etc.)
> > It´s working great, and i really like the way it´s built, but there´s
> > one (minor) thing i can´t figure out:
> > For a strange reason i can´t make any contact between my laptop and
> > the 535, and after trying several different cabelconfigurations it´s
> > still not working. I used to connect my R75 without any problem, to
> > store and retrieve memory-channels via Mark Fine´s software.
> > Because the 535 is equiped with a 25-pole connector and my laptop

> > with a 9-pole, i had to make my own cable (after i´ve searched
the
> > net for the right info) but whatever i do, nothing seems to work.
> > Of course i checked the portsetting serveral times, but when i
try to
> > use SmartNRD i can´t activate the connection. I opened the
cabinet to
> > look for any broken wires, but everything looks alright to me.I
even
> > tried to connect through hyperterminal, but there i can´t even
type
> > or send commands.
> > What can i say more? It should be nice to store my
memorychannels,
> > but i can´t figure what could be wrong here.
> > 73´s from The Netherlands
> > Bjern

805. For Sale: NRD-525 With Kiwa filter and other mods

Yahoo group: nrd-525-535
Date: 2004-10-20 17:32:31 UTC
From: Jerry Johnston
Topic: 805 Message: 805

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&rd=1&item=5726259185

806. RxPlus V1.56

Yahoo group: nrd-525-535
Date: 2004-10-27 14:30:57 UTC
From: Noel Bouchard
Topic: 806 Message: 806

Hello Groups !

I just posted a new version of RxPlus, V1.56 .

- The DSP Noise Reduction has been "revisited" and is now even more
effective.
- A new Linear Scan display (for the RX320 only)
- A bug has been fixed in the RTTY decoder ... which is now better.
- Numerous other small changes ...

This last version supports the following receivers:
Drake R8A/B, ICOM IC-R75, JRC NRD-535, Kenwood R5000,
TenTec RX320(D) and TenTec RX350D
<http://www.cam.org/%7Enoelbou/RxPlus/#Presentation>
You can get RxPlus from my site at:
http://www.cam.org/~noelbou/RxPlus

If you already installed RxPlus you can get an updated EXE from
the file section of RxPlus Yahoo group at:
http://groups.yahoo.com/group/RxPlus

Good listenning all ...

No?l

807. [For Sale] NRD-525 With Kiwa filter and other mods

Yahoo group: nrd-525-535
Date: 2004-11-01 02:03:02 UTC
From: Jerry Johnston
Topic: 807 Message: 807

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5729173255

Relisted, dropped price a bit.

808. NRD 535D to sell

Yahoo group: nrd-525-535
Date: 2004-11-04 11:26:55 UTC
From: vedasdesign
Topic: 808 Message: 808

I sell in perfect conditions, with ECSS, BWC, narrow filter, in Italy, original box. Only mod is Kiwa FL2 rejection filter wich really improved the rx.
Asking 800 euros.

809. Infrared Remote (SWL IR Remote) for NRD-535

Yahoo group: nrd-525-535
Date: 2004-11-07 13:47:53 UTC
From: dlandonswl
Topic: 809 Message: 809

Hello All,

We are getting into the time of the year when SWL is at its peak. You can increase your listening enjoyment by using our SWL IR Remote control unit to remote control your NRD-535 from the comfort of your easy chair. The SWL IR Remote for the NRD-535 is a full-featured Infrared remote that permits direct frequency entry, memory channel, and mode control. Enjoy ease of operation and eliminate the strain of hunching over your receiver.

More information about the product can be found at:

http://www.swl-remotes.com

Dan
Swl-remotes.com

810. Wanted: JRC NRD 535

Yahoo group: nrd-525-535
Date: 2004-11-16 11:08:44 UTC
From: Yiannis
Topic: 810 Message: 810

Wanted: JRC NRD 535 receiver in very good working condition.
"payment via paypal"

Yiannis

Athens,Greece

811. Re: Wanted: JRC NRD 535

Yahoo group: nrd-525-535
Date: 2004-11-16 14:38:12 UTC
From: vedasdesign
Topic: 810 Message: 811

just offered to lines up a beautiful 535D with ECSS BWC narrow
filter, lying in Milano

812. Faulty 525

Yahoo group: nrd-525-535
Date: 2004-11-21 16:59:46 UTC
From: Fabrizio Magrone
Topic: 796 Message: 812

Hello group,

in the coming days I'll see a faulty 525. It developed a strong buzzing noise in the medium wave band. The buzz can also be heard with a portable receiver put near the front side / right side of the 525; when the 525 is switched off the noise disappears, so it's clearly caused by the 525 itself. A possible culprit might be in the display area.
Anyone had a similar problem? Any suggestion is appreciated.

Thank you in advance

Fabrizio

813. NRD-525 BFO Control??

Yahoo group: nrd-525-535
Date: 2004-12-13 12:25:51 UTC
From: luckydaze_2000
Topic: 813 Message: 813

Hi guys

How does this BFO control work?? When would I use it?I know it only works in CW mode right? I mean it can't be used to help anywhere else correct?

I have a BFO on Degen 1103 for USB and LSB. How does that BFO vary from this one?

Thanks
Lucky

814. Re: Poor Audio Quality, Duuuhhh!!!

Yahoo group: nrd-525-535
Date: 2004-12-13 13:58:59 UTC
From: luckydaze_2000
Topic: 795 Message: 814

--- In nrd-525-535@yahoogroups.com, "ra6830" <dallas@b...> wrote:
>
> For years I have read about the really poor (some said awful)
audio
> quality of the 525 (variously referred to as mediocre, too bassy,
> muffled on anything but the strongest signals... and sometimes, in
> addition, wide band hiss). In my opinion, no, no, no, and no.
> Perhaps some of these references to poor 525 audio quality were
for
> the built-in speaker, but some were definitely for reasonably good
> external speakers. My comments below are for a good quality
> external speaker (a small black die cast Radio Shack speaker,
> nominally $29.95) and hi fi headphones.
>
> Yes, my 525 does not have the best audio of any of my receivers,
but
> it is not all that bad. And yes, my 525 audio is bassy, but it
> never seemed excessively bassy to me. And yes, my 525 audio is
> slightly muffled, but it never seemed badly muffled to me. But
no,
> I could never hear the hiss they talked about unless it set the
TONE
> control fully clockwise, and even then it wasn't all that much
hiss,
> at leas not to my ears (which have quite good flat response to
> beyond 15 kHz).
>
> But yesterday it occurred to me that maybe the 525 TONE control
> wasn't really a tone control (just like the TONE contol in the NRD-
> 545 isn't really a TONE control). So just for fun I turned my 525
> TONE control from 12 o'clock (where it has mostly been since I
> bought it) to fully clockwise, and tuned around listening to
various
> strong and weak AM signals. To my amazement, the audio quality
> seemed better than it had been before... in fact, as good as any
of
> my other receivers with good audio. The audio no longer sounded
> somewhat bassy, but normal. The audio was no longer slightly
> muffled, but crisp and clear... as crisp and clear as the sudio of
> any of my other receivers with good audio.
>
> To see if my ears were tricking me, I made some measurements of
the
> 525 audio frequency response with the TONE control at various
> positions. The results were informative to say the least. With

the
> TONE control set at 12 o'clock (what I, and I presume others, have
> assumed was flat audio response), the frequency response at 10 kHz
> was down 10 dB, at 5 kHz it was still down 10 dB, and even at 3
kHz
> it was down 8 dB. No wonder the 525 sounded bassy and muffled...
it
> was bassy and muffled with the TONE control set at 12 o'clock.
> However, with the TONE control set fully clockwise, audio
frequency
> response is essentially flat from 100 Hz to beyond 10 kHz, and
> slowly rolls off below 100 Hz (-6 dB at 50 Hz). For a 6 kHz BW,
as
> I said above, the hiss with the TONE control set fully clockwise
is
> not a problem, at least not to my ears. I haven't used it enough
at
> 3.2 kHz and 2.4 kHz to form an opinion about the hiss with the
TONE
> control set fully clockwise. If it becomes an issue for me, I
would
> use a good external audio filter to cut the highs.
>
> So yes, the 525 has somewhat poor audio quality if you set the
TONE
> control at 12 o'clock as I and many others have done for many
> years. Duuuhhh!!!

I found this out after playing with the radio for a little while. Also, I found in many cases you lower the bass even more with the notch control. Many times setting near 1:00 0'clock works well. It sections out the bass and leaves the high end.

Lucky

815. aor 535 aux filter FL6 install .

Yahoo group: nrd-525-535
Date: 2004-12-21 09:59:11 UTC
From: ccmarco2004
Topic: 815 Message: 815

I was wondering if i can install a murata CFL455H ceramic filter in FL6 position and also if i have to insert some matching component.

There is somewhere a circuit diagram to build the complete optional filter block ?

Many thanks, Marco.

816. CMF-78, two version existing ?

Yahoo group: nrd-525-535
Date: 2004-12-21 11:34:41 UTC
From: ccmarco2004
Topic: 816 Message: 816

I'm looking for a used CMF-78 card, and i have found out a photo where the unit presents a similar layout as one printed in 535 manual, but with much less capacitors and some different IC's.

So i was wondering if exist a newest and better version than one described on 535 manual.

Marco.

817. Difference between the NRD 525 and the NRD 535D

Yahoo group: nrd-525-535
Date: 2004-12-21 16:31:30 UTC
From: Bill Krause
Topic: 817 Message: 817

I am posting this to both lists in the hopes that some folks on one list or the other will be able to answer this for me. I have done a lot of looking on google but really have not got a clear picture of the differences yet. So could folks tell me about the differences between the NRD 525 and the NRD 535D?? What are the the things that make the 535D better than the older 525?? Is there any thing that the 525 is better at than the 535D?? How much are each radio going for these days?? Thanks.

Bill Krause

818. Filter Values

Yahoo group: nrd-525-535
Date: 2004-12-23 03:33:56 UTC
From: harry o
Topic: 817 Message: 818

Happy Holidays,

I have a JRC525 and have a question.

I would like to know the values Wide, Narrow, Inter
and Aux filters.

Also does anyone have a lead where I might find the
male connector for my rs232 board.

And any recommendations for a UHF-VHF antenna

73,

Harry G. Osoff
KC9GRV
Grid Square EN50uc
Champaign, Illinois
Lat & Long 40.106564 N 88.283856 W

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http://mail.yahoo.com

819. Computer Control For NRD 535D

Yahoo group: nrd-525-535
Date: 2004-12-26 18:37:55 UTC
From: Bill Krause
Topic: 819 Message: 819

What sort of cable do I need to control my NRD 535D with either my laptop or desktop PC using Windows XP Pro?? Thanks.

Bill Krause

820. Re: Filter Values

Yahoo group: nrd-525-535
Date: 2004-12-26 21:09:29 UTC
From: caladonia5560
Topic: 817 Message: 820

The NRD-525 stock Wide filter is rated at >4khz @6db and the Intermediate filter at >2khz @6db according to the manual. There seems to be some variation from radio to radio; the two filters in my NRD-525 actually measure about 4.5khz and 2.7khz at the 6 db point.

You will have to open up the receiver and take a look at the IF filter board to determine what has been installed in the optional NARR and AUX positions. If there is no filter installed in the AUX position, the width is determined by FL2 and is about 12khz assuming no modifications have been made.

A good choice for a UHF-VHF antenna is a discone sold by Radio Shack and others.

Regards,

Les Layton
Las Vegas, NV

--- In nrd-525-535@yahoogroups.com, harry o <kiss_you_now@y...> wrote:
> Happy Holidays,
>
> I have a JRC525 and have a question.
>
> I would like to know the values Wide, Narrow, Inter
> and Aux filters.
>
> Also does anyone have a lead where I might find the
> male connector for my rs232 board.
> > And any recommendations for a UHF-VHF antenna
>
> 73,
>
> Harry G. Osoff
> KC9GRV
> Grid Square EN50uc
> Champaign, Illinois
> Lat & Long 40.106564 N 88.283856 W
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com

821. Filter Values

Yahoo group: nrd-525-535
Date: 2004-12-26 21:30:41 UTC
From: harry o
Topic: 817 Message: 821

Les,

Thanks

I needed a reason to open up the radio.

I have two NDK filters in the optional spots but can
find no info on the numbers

yf455de and yf455dq

Anybody know about these?

Harry

_____
Do you Yahoo!?
Send holiday email and support a worthy cause. Do good.
http://celebrity.mail.yahoo.com

822. Re: [nrd-525-535] Filter Values

Yahoo group: nrd-525-535
Date: 2004-12-27 18:33:09 UTC
From: QRV
Topic: 817 Message: 822

You can see your filters here => http://perso.wanadoo.fr/geip/filtres.htm

YF455DE is CFL-233
and YF455DQ is CFL-232.

Best regards,
Christophe B.
F-11676

----- Original Message -----
From: "harry o" <kiss_you_now@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, December 26, 2004 10:30 PM
Subject: [nrd-525-535] Filter Values

>
> Les,
>
> Thanks
>
> I needed a reason to open up the radio.
>
> I have two NDK filters in the optional spots but can
> find no info on the numbers
>
> yf455de and yf455dq
>
> Anybody know about these?
>
> Harry
>
>
>
>
>
>
> _____
> Do you Yahoo!?
> Send holiday email and support a worthy cause. Do good.
> http://celebrity.mail.yahoo.com
>
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> Yahoo! Groups Links
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823. Re: Filter Values

Yahoo group: nrd-525-535
Date: 2004-12-27 19:11:35 UTC
From: Paul Lannuier
Topic: 817 Message: 823

On Dec 27, 2004, at 7:02 AM, nrd-525-535@yahoogroups.com wrote:

> I have two NDK filters in the optional spots but can
> find no info on the numbers
>
> yf455de and yf455dq
>
> Anybody know about these?
>
> Harry

You have the 1.0 kHz and 0.5 kHz.

Optional JRC crystal filters are as follows:

CFL-231: (YF455FM): 0.3 kHz
CFL-232: (YF455DQ): 0.5 kHz
CFL-233: (YF455DE): 1.0 kHz
CFL-218A (YF455EBF): 1.8 kHz
CFL-251 (YF455EB): 2.4 kHz

Hope this helps.

Paul WW2PT

824. Signal Meter Problem

Yahoo group: nrd-525-535
Date: 2004-12-28 13:17:38 UTC
From: jim franey
Topic: 824 Message: 824

Hello. I have a dilemma that someone here I am sure can figure out for me. I have 2 535D radios. It's a long sorted story so I wont go into how I acquired them. But one I have had for about 2 years the other I just received. I hooked them both up to the same antenna. The first thing I noticed was the Signal Meter was reading differently? My old one was reading lets say between 9-10 the new receiver was reading between. 5-7?? I have heard rumors of the 535s sig mtr being not that accurate. What do you guys think? What would cause this? How can I test further to see if its just the meter or the radio not working correctly? I am doing this to decide what receiver to keep.So its important to decide on accurate info.
I also noticed another problem with new to me receiver the number 8 on the direct entry does not work? How can this be fixed?
Thanks before hand! Any info appreciated! Jim

825. Re: Computer Control Cable

Yahoo group: nrd-525-535
Date: 2004-12-28 14:52:44 UTC
From: Wiilliam Krause
Topic: 824 Message: 825

Where can I get the proper cable to controll my NRD 535D with my laptop computer?

Bill
Krause

826. Re: [nrd-525-535] Signal Meter Problem

Yahoo group: nrd-525-535
Date: 2004-12-28 15:16:25 UTC
From: Fabrizio Magrone
Topic: 824 Message: 826

Hello Jim,

>I hooked them both up to the same antenna. The first thing I noticed was
>the Signal Meter was reading differently? My old one was reading lets say
>between 9-10 the new receiver was reading between. 5-7?? I have heard
>rumors of the 535s sig mtr being not that accurate. What would cause
>this? How can I test further to see if its just the meter or the radio not
>working correctly?

a simple difference in S-meter reading doesn't necessarily tell you
anything. Just listen to the same station with the two radios to hear
whether there is any difference in performance. Can you receive a very weak
signal with the same audio quality on both receivers? If the answer is yes,
probably both radios are performing correctly. If not, then there is
probably something wrong in the "deaf" receiver.
An S-meter is an instrument that measures the received signal level against
a reference level: it tells you that the signal is "N" times stronger (or
weaker, if the reference is high) than the reference level. "N" is
expressed in decibels (dB).
There is no absolute reference: the reference level is factory adjusted to
a preset value. Probably the two receivers were differently calibrated, or
one of them (or both) lost correct calibration with age.
There is a simple adjustment procedure described in the service manual, but
you need a signal generator. Put the receiver on 7.1 MHz with AGC on, ATT
off, mode LSB and bandwidth Inter. Set the signal generator at 7.1 MHz
output with a level of 40 dB? CW (the letter after dB is "micro", just in
case you can't read it correctly). Adjust RV5 on the IF AMP board CAE-227A
for a reading of S9 on the S-meter. That's it.

>I also noticed another problem with new to me receiver the number 8 on the
>direct entry does not work? How can this be fixed?

Probably it's only dirty, if the receiver hasn't been used for some time:
open the receiver and clean the keyboard with a little bit of deoxydizer
spray, this should solve the problem.

>I am doing this to decide what receiver to keep.So its important to decide
>on accurate info.

Probably, the first problem is only a difference in S-meter calibration;
you can adjust it or simply live with it. The second one should be easy to
correct.

Hope this helps!

Ciao

Fabrizio

827. Re: Signal Meter Problem

Yahoo group: nrd-525-535
Date: 2004-12-28 15:45:27 UTC
From: Alberto di Bene
Topic: 824 Message: 827

"jim franey" <suburude@...> wrote:

> I am doing this to decide what receiver to keep.
>So its important to decide on accurate info.
>
>
My best suggestion is to place a piece of paper on both S-meters,
so that you cannot see them, and then use both radios at the same
time for a few hours, judging _by ears_ which one is better, both
in terms of sensitivity and selectivity. Then make your choice.
The S-meter is the most useless thing in a radio receiver....

73 Alberto I2PHD

828. Re: [nrd-525-535] Re: Signal Meter Problem

Yahoo group: nrd-525-535
Date: 2004-12-28 16:12:57 UTC
From: Brian Hill
Topic: 824 Message: 828

Your absolutely right Alberto. I agree with that statement completely.
73 and good DXing.
Brian
~~~~~~
A lot of radios and 100' of rusty wire!
Zumbrota, Southern MN
Brian's Radio Universe
http://webpages.charter.net/brianhill/

----- Original Message -----
From: Alberto di Bene
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, December 28, 2004 9:45 AM
Subject: [nrd-525-535] Re: Signal Meter Problem

The S-meter is the most useless thing in a radio receiver....

73 Alberto I2PHD
~~~~~~

829. RE: [nrd-525-535] Re: Computer Control Cable

Yahoo group: nrd-525-535
Date: 2004-12-28 18:38:55 UTC
From: Bill Carney
Topic: 824 Message: 829

You can pick up either a "null modem cable", or a "null modem adapter" to use with an existing serial cable, at places like Radio Shack for a couple of bucks - assuming your laptop has a serial port. My IBM T42 does not have a serial port. I understand that there are USB to Serial adapters, but I do not own one, so I can't attest to their use.

Bill

-----Original Message-----
From: Wiilliam Krause [mailto:bkrause@...]
Sent: Tuesday, December 28, 2004 9:53 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: Computer Control Cable

Where can I get the proper cable to controll my NRD 535D with my laptop computer?

Bill

Krause

830. RE: [nrd-525-535] Re: Signal Meter Problem

Yahoo group: nrd-525-535
Date: 2004-12-29 02:04:08 UTC
From: jim franey
Topic: 824 Message: 830

Thanks you guys for all your input. I will try the paper over the meter scenario tonight and let you know what I come up with.
The 8 not working is a little more daunting to me!

"open the receiver and clean the keyboard with a little bit of deoxidizer
spray, this should solve the problem."

How exactly do I do this?
Sorry I am a little electronically deficient. Thanks! Jim

"jim franey" <suburude@...> wrote:

> I am doing this to decide what receiver to keep.
>So its important to decide on accurate info.
>
>
My best suggestion is to place a piece of paper on both S-meters, so that you cannot see them, and then use both radios at the same time for a few hours, judging _by ears_ which one is better, both in terms of sensitivity and selectivity. Then make your choice.
The S-meter is the most useless thing in a radio receiver....

73 Alberto I2PHD

Yahoo! Groups Links

831. RE: [nrd-525-535] Re: Signal Meter Problem

Yahoo group: nrd-525-535
Date: 2004-12-29 13:00:37 UTC
From: jim franey
Topic: 824 Message: 831

Hello again! I could not find a version of the 535 manual on the file
section of the group? Thanks Jim

-----Original Message-----
From: jim franey [mailto:suburude@...]
Sent: Tuesday, December 28, 2004 6:04 PM
To: nrd-525-535@yahoogroups.com
Subject: RE: [nrd-525-535] Re: Signal Meter Problem

Thanks you guys for all your input. I will try the paper over the meter
scenario tonight and let you know what I come up with.
The 8 not working is a little more daunting to me!

"open the receiver and clean the keyboard with a little bit of
deoxidizer
spray, this should solve the problem."

How exactly do I do this?
Sorry I am a little electronically deficient. Thanks! Jim

"jim franey" <suburude@...> wrote:

> I am doing this to decide what receiver to keep.
>So its important to decide on accurate info.
>
>
My best suggestion is to place a piece of paper on both S-meters,
so that you cannot see them, and then use both radios at the same
time for a few hours, judging _by ears_ which one is better, both
in terms of sensitivity and selectivity. Then make your choice.
The S-meter is the most useless thing in a radio receiver....

73 Alberto I2PHD

Yahoo! Groups Links

Yahoo! Groups Links

832. RE: [nrd-525-535] Re: Signal Meter Problem

Yahoo group: nrd-525-535
Date: 2004-12-29 13:59:22 UTC
From: Fabrizio Magrone
Topic: 824 Message: 832

Hello Jim,

>"open the receiver and clean the keyboard with a little bit of
>deoxidizer
>spray, this should solve the problem."
>How exactly do I do this?
>Sorry I am a little electronically deficient.

don't worry, it's easy: more a mechanical than an electronical problem.

The key is only a simple momentary switch; if you don't use it for some time, air may create a thin insulating layer on the switch's metal surfaces, making contact difficult or impossible. Some dust can find a way into the switch, too. So you must clean these contacts.

You need a spray cleaner, like DeoxIT (http://www.lashen.com/vendors/caig/DeOxIT.asp) or any other kindred product that you can find in any electronics shop. You must spray a little bit inside the switch (don't submerge it, a drop or two are more than enough), click on it a few times and, voila, the key should be back in action. May be you can reach the inside of the switch spraying in the thin space around the key (check that the cleaner doesn't damage the plastic front panel; it shouldn't, but it's better to be sure). Otherwise you must open the receiver to reach the back of the keyboard, where you should find some space to spray inside. In extreme cases you could open the keyboard to reach the contacts (pay careful attention to the tiny mechanical components, springs and so on). Of course, if you must open the receiver, unplug it from the mains!

As you see, you haven't to be an electronics wizard, you simply have to put a drop of cleaner inside the key's switch. By the way, the cleaner can also repair scratchy volume pots, battery contacts and so on, so it's handy to have a can of it around.

Hope this helps; don't worry and clean that key.

Ciao

Fabrizio

833. Re: [nrd-525-535] Signal Meter Problem

Yahoo group: nrd-525-535
Date: 2004-12-29 17:51:07 UTC
From: Wiilliam Krause
Topic: 824 Message: 833

I absolutely agree with Fabrizio. I have a wonderful old Hallicrafters SX-28 in excellent condition except that the S meter doesn't work. The radio works great and really "speaks" to me To replace that S meter would be $100++ when and if I can find one. Want to guess how big a rush I am in to find one?? To me the S meter just really dsoesn't give me enough information to make very useful or valuable to me.

Bill Krause

Fabrizio Magrone wrote:

> Hello Jim,
>
> >I hooked them both up to the same antenna. The first thing I noticed was
> >the Signal Meter was reading differently? My old one was reading lets
> say
> >between 9-10 the new receiver was reading between. 5-7?? I have heard
> >rumors of the 535s sig mtr being not that accurate. What would cause
> >this? How can I test further to see if its just the meter or the
> radio not
> >working correctly?
>
> a simple difference in S-meter reading doesn't necessarily tell you
> anything. Just listen to the same station with the two radios to hear
> whether there is any difference in performance. Can you receive a very
> weak
> signal with the same audio quality on both receivers? If the answer is
> yes,
> probably both radios are performing correctly. If not, then there is
> probably something wrong in the "deaf" receiver.
> An S-meter is an instrument that measures the received signal level
> against
> a reference level: it tells you that the signal is "N" times stronger (or
> weaker, if the reference is high) than the reference level. "N" is
> expressed in decibels (dB).
> There is no absolute reference: the reference level is factory
> adjusted to
> a preset value. Probably the two receivers were differently
> calibrated, or
> one of them (or both) lost correct calibration with age.
> There is a simple adjustment procedure described in the service
> manual, but
> you need a signal generator. Put the receiver on 7.1 MHz with AGC on, ATT
> off, mode LSB and bandwidth Inter. Set the signal generator at 7.1 MHz
> output with a level of 40 dB? CW (the letter after dB is "micro", just in
> case you can't read it correctly). Adjust RV5 on the IF AMP board

> CAE-227A
> for a reading of S9 on the S-meter. That's it.
>
> >I also noticed another problem with new to me receiver the number 8
> on the
> >direct entry does not work? How can this be fixed?
>
> Probably it's only dirty, if the receiver hasn't been used for some time:
> open the receiver and clean the keyboard with a little bit of deoxydizer
> spray, this should solve the problem.
>
> >I am doing this to decide what receiver to keep.So its important to
> decide
> >on accurate info.
>
> Probably, the first problem is only a difference in S-meter calibration;
> you can adjust it or simply live with it. The second one should be
> easy to
> correct.
>
> Hope this helps!
>
> Ciao
>
> Fabrizio
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
> click here
> <http://us.ard.yahoo.com/SIG=12987a3es/M=295196.4901138.6071305.3001176/D=groups/S=17050
63108:HM/EXP=1104333390/A=2128215/R=0/SIG=10se96mf6/*http://companion.yahoo.com>
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> --
> Yahoo! Groups Links
>
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/nrd-525-535/
>
> * To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
> <mailto:nrd-525-535-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>

834. Standby Mode

Yahoo group: nrd-525-535
Date: 2004-12-30 02:48:53 UTC
From: Harry G. Osoff
Topic: 834 Message: 834

First, I would like to thank everyone who sent me information on my filter question.

I have another quest. I just bought an old Knight Novice transmitter and I want to use my 525 as my receiver.

Is there any ideas for a standby switch?

I know the timer contacts are on the back but I dont want to completely shutdown the radio on transmit.

Thanks

Harry

835. Re: Signal Meter Problem

Yahoo group: nrd-525-535
Date: 2004-12-30 18:37:23 UTC
From: michaellalk
Topic: 824 Message: 835

Hello,

I am currently making a scan of the manual.

Michael

--- In nrd-525-535@yahoogroups.com, "jim franey" <suburude@c...> wrote:
>
>
> Hello again! I could not find a version of the 535 manual on the file
> section of the group? Thanks Jim
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> -----Original Message-----
> From: jim franey [mailto:suburude@c...]
> Sent: Tuesday, December 28, 2004 6:04 PM
> To: nrd-525-535@yahoogroups.com
> Subject: RE: [nrd-525-535] Re: Signal Meter Problem
>
>
>
>
> Thanks you guys for all your input. I will try the paper over the meter
> scenario tonight and let you know what I come up with.
> The 8 not working is a little more daunting to me!
>
> "open the receiver and clean the keyboard with a little bit of
> deoxidizer
> spray, this should solve the problem."
>
> How exactly do I do this?
> Sorry I am a little electronically deficient. Thanks! Jim

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>
> "jim franey" <suburude@c...> wrote:
>
> > I am doing this to decide what receiver to keep.
> >So its important to decide on accurate info.
> >
> >
> My best suggestion is to place a piece of paper on both S-meters,
> so that you cannot see them, and then use both radios at the same
> time for a few hours, judging _by ears_ which one is better, both
> in terms of sensitivity and selectivity. Then make your choice.
> The S-meter is the most useless thing in a radio receiver....
>
> 73 Alberto I2PHD
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> Yahoo! Groups Links
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> Yahoo! Groups Links

836. RE: [nrd-525-535] Re: Signal Meter Problem

Yahoo group: nrd-525-535
Date: 2004-12-30 21:56:30 UTC
From: jim franey
Topic: 824 Message: 836

Thanks Michael!! Jim

-----Original Message-----
From: michaellalk [mailto:michaellalk@...]
Sent: Thursday, December 30, 2004 10:37 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: Signal Meter Problem

Hello,

I am currently making a scan of the manual.

Michael

--- In nrd-525-535@yahoogroups.com, "jim franey" <suburude@c...> wrote:
>
>
> Hello again! I could not find a version of the 535 manual on the file
> section of the group? Thanks Jim
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> -----Original Message-----
> From: jim franey [mailto:suburude@c...]
> Sent: Tuesday, December 28, 2004 6:04 PM
> To: nrd-525-535@yahoogroups.com
> Subject: RE: [nrd-525-535] Re: Signal Meter Problem
>
>
>
>
> Thanks you guys for all your input. I will try the paper over the
meter

> scenario tonight and let you know what I come up with.
> The 8 not working is a little more daunting to me!
>
> "open the receiver and clean the keyboard with a little bit of
> deoxidizer
> spray, this should solve the problem."
>
> How exactly do I do this?
> Sorry I am a little electronically deficient. Thanks! Jim
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>
> "jim franey" <suburude@c...> wrote:
>
> > I am doing this to decide what receiver to keep.
> >So its important to decide on accurate info.
> >
> >
> My best suggestion is to place a piece of paper on both S-meters,
> so that you cannot see them, and then use both radios at the same
> time for a few hours, judging _by ears_ which one is better, both
> in terms of sensitivity and selectivity. Then make your choice.
> The S-meter is the most useless thing in a radio receiver....
>
> 73 Alberto I2PHD
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> Yahoo! Groups Links
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> Yahoo! Groups Links

Yahoo! Groups Links

837. Optimal filter for HFDL and PACTOR

Yahoo group: nrd-525-535
Date: 2004-12-31 11:41:19 UTC
From: Andreas Bucher
Topic: 837 Message: 837

Hi
I would like to use my NRD 525 for HFDL and PACTOR decoding.
The bandwidth of these modes is about 2.4 and 2.8 kHz.
Which is the optimal (optional) filter for that? 2.4 KHz CFL-251?
Regards
Andy

838. RE: [nrd-525-535] Optimal filter for HFDL and PACTOR

Yahoo group: nrd-525-535
Date: 2004-12-31 11:11:09 UTC
From: Johan Habing
Topic: 837 Message: 838

Andy,

I guess the CFL-251 filter would be to small in bandwith.

For more specific information I suppose you to write an e-mail to
<mailto:QRV@...> QRV@...

Or have a look at his webpages on <http://perso.wanadoo.fr/geip/>
http://perso.wanadoo.fr/geip/

This person knows almost anything about the NRD 525.

Succes,

Johan
<http://members.home.nl/swl> http://members.home.nl/swl

Receivers: NRD-525, AOR AR3000a, ICOM R-7100

Antenna's: DX-One Pro MK-II, RF Systems MLB 12,5 mtr and MFJ-1020C
active antenna

Discone scanner antenna top level 12 mtr.

839. NRD525 site. New update.

Yahoo group: nrd-525-535
Date: 2004-12-31 17:16:10 UTC
From: christophe525
Topic: 839 Message: 839

30 December 2004 - NEW UPDATE
---
and English CBO-232 page => http://perso.wanadoo.fr/geip/CBO232En.htm
For info : http://perso.wanadoo.fr/geip/form.htm

Happy New Year !
73

Christophe.
http://perso.wanadoo.fr/geip/NRD525.htm

840. 545

Yahoo group: nrd-525-535
Date: 2005-01-05 01:40:56 UTC
From: jim franey
Topic: 840 Message: 840

Hello and thank all of you for your help with my sig. meter/ entry number problem! I have another question. Does anyone own a 545. What do they think of them? Compared to Ten Tecs DSP model? Thanks Jim

841. RS-232 Plug

Yahoo group: nrd-525-535
Date: 2005-01-13 14:56:05 UTC
From: kg4big
Topic: 841 Message: 841

Hello,

I finally bought my first JRC receiver. A 525 serial # 38211 with RS-232, VHF/UHF,& RTTY Demodulator boards in it. Also has the 1khz Filter. My question is....does anyone have or know where to buy the "special" plug for the RS-232 board ?

I don't normally use a computer with my receivers but would like to have the option anyway.

I looked thru the posts & didn't see it. I may have overlooked it. If so please excuse my #@$%*.

73, Ken KG4BIG

842. Re: [nrd-525-535] RS-232 Plug

Yahoo group: nrd-525-535
Date: 2005-01-13 21:28:05 UTC
From: John Dokulil
Topic: 841 Message: 842

Ken

I am assuming that what you meant by plug is the RS-232
cable itself. If so some times Universal Radio gets used
items for sale. Their web site is http://www.universal-radio.com/
also several times a year, ebay lists one for bidding.

It is possible that the cable for the 525 may be the same cable
used for the 535 and 545. Universal Radio should know.
Their phone numbers are 614 866-4267 and 800 431 3939.

I have an NRD 535Db with all KIWA upgrades. I once fooled
around with the RTTY thing and at first found it kinda fun, but
found that vary few RTTY stations would QSL, so I removed
the board and sold it.

Good Luck

John WDX6GMX

----- Original Message -----
From: kg4big
To: nrd-525-535@yahoogroups.com
Sent: Thursday, January 13, 2005 6:56 AM
Subject: [nrd-525-535] RS-232 Plug

Hello,

I finally bought my first JRC receiver. A 525 serial # 38211 with RS-
232, VHF/UHF,& RTTY Demodulator boards in it. Also has the 1khz
Filter. My question is....does anyone have or know where to buy the
"special" plug for the RS-232 board ?

I don't normally use a computer with my receivers but would like to
have the option anyway.

I looked thru the posts & didn't see it. I may have overlooked it. If
so please excuse my #@$%*.

73, Ken KG4BIG

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

843. FS NRD-535D w/Kiwa Filter

Yahoo group: nrd-525-535
Date: 2005-01-14 02:49:47 UTC
From: Patrick
Topic: 843 Message: 843

Selling my NRD 535D...it has the Kiwa Premium Filter Upgrade @3.5khz and
works great
Original box and manual included, pictures avaialble
600.00

Patrick

844. RE: [nrd-525-535] FS NRD-535D w/Kiwa Filter

Yahoo group: nrd-525-535
Date: 2005-01-14 11:56:38 UTC
From: jim franey
Topic: 843 Message: 844

Why are you selling it? Jim

-----Original Message-----
From: Patrick [mailto:pb@...]
Sent: Thursday, January 13, 2005 6:50 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] FS NRD-535D w/Kiwa Filter

Selling my NRD 535D...it has the Kiwa Premium Filter Upgrade @3.5khz and
works great
Original box and manual included, pictures avaialble
600.00

Patrick

Yahoo! Groups Links

845. Re: [nrd-525-535] RS-232 Plug

Yahoo group: nrd-525-535
Date: 2005-01-14 17:01:06 UTC
From: QRV
Topic: 841 Message: 845

You can the RS-232 connector see here:
http://perso.wanadoo.fr/geip/modifs.htm#CableRS232

or the CBO-232 English notice (pages 6 & 7) :
http://perso.wanadoo.fr/geip/Doc/Notice232En.pdf

Best regards,
Christophe B.
http://perso.wanadoo.fr/geip/NRD525.htm

----- Original Message -----
From: "kg4big" <kg4big@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Thursday, January 13, 2005 3:56 PM
Subject: [nrd-525-535] RS-232 Plug

>
>
> Hello,
>
> I finally bought my first JRC receiver. A 525 serial # 38211 with RS-
> 232, VHF/UHF,& RTTY Demodulator boards in it. Also has the 1khz
> Filter. My question is....does anyone have or know where to buy the
> "special" plug for the RS-232 board ?
>
> I don't normally use a computer with my receivers but would like to
> have the option anyway.
>
> I looked thru the posts & didn't see it. I may have overlooked it. If
> so please excuse my #@$%*.
>
> 73, Ken KG4BIG
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> Yahoo! Groups Links
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846. Re: [nrd-525-535] RS-232 Plug

Yahoo group: nrd-525-535
Date: 2005-01-14 17:18:59 UTC
From: Harry
Topic: 841 Message: 846

I have the same radio with the same problem.
I contacted JRC in New York and they could not locate a plug.
Universal does not have a cable.

The newer radios 535 545 have a standard DB9 connector.

One solution is to modify the radio as suggested by Christopher
who seems to be the world's expert on the 525.
And replace the stock plug with a newer db-9.
<http://perso.wanadoo.fr/geip/Doc/Notice232En.pdf>

There was a fellow about 7 years ago who was selling
a hypercard control program who was making the cables at the time.
But the email I had for him is no longer valid.

Good luck and good listening.
It's a great radio.

73,

Harry G. Osoff
KC9GRV
Grid Square EN50uc
Champaign, Illinois
Lat & Long 40.106564 N 88.283856 W

-
Hatred - the anger of the weak.

-Alphonse Daudet, writer (1840-1897)

847. Re: RS-232 Plug

Yahoo group: nrd-525-535
Date: 2005-01-15 03:08:31 UTC
From: DAVID
Topic: 841 Message: 847

Where can one get one of these CBO-232 cards? Dave

--- In nrd-525-535@yahoogroups.com, Harry <kc9grv@a...> wrote:
> I have the same radio with the same problem.
> I contacted JRC in New York and they could not locate a plug.
> Universal does not have a cable.
>
> The newer radios 535 545 have a standard DB9 connector.
>
> One solution is to modify the radio as suggested by Christopher
> who seems to be the world's expert on the 525.
> And replace the stock plug with a newer db-9.
> <http://perso.wanadoo.fr/geip/Doc/Notice232En.pdf>
>
> There was a fellow about 7 years ago who was selling
> a hypercard control program who was making the cables at the time.
> But the email I had for him is no longer valid.
>
> Good luck and good listening.
> It's a great radio.
>
>
> 73,
>
> Harry G. Osoff
> KC9GRV
> Grid Square EN50uc
> Champaign, Illinois
> Lat & Long 40.106564 N 88.283856 W
>
>
>
> -
> Hatred - the anger of the weak.
>
> -Alphonse Daudet, writer (1840-1897)

848. Re: [nrd-525-535] Re: RS-232 Plug

Yahoo group: nrd-525-535
Date: 2005-01-15 03:32:09 UTC
From: Harry
Topic: 841 Message: 848

Where can one get one of these CBO-232 cards? Dave

At this site
<http://perso.wanadoo.fr/>

--
It is not the strongest of the species that survive, nor the most
intelligent, but the one most responsive to change.

-Charles Darwin, naturalist and author (1809-1882)

849. RE: [nrd-525-535] FS NRD-535D w/Kiwa Filter

Yahoo group: nrd-525-535
Date: 2005-01-15 03:39:39 UTC
From: Patrick
Topic: 843 Message: 849

No room for antennas at my new location and it might be a while till I
am at a place where I can erect DX antennas

From: jim franey [mailto:suburude@...]
Sent: Friday, January 14, 2005 3:57 AM
To: nrd-525-535@yahoogroups.com
Subject: RE: [nrd-525-535] FS NRD-535D w/Kiwa Filter

Why are you selling it? Jim

-----Original Message-----
From: Patrick [mailto:pb@...]
Sent: Thursday, January 13, 2005 6:50 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] FS NRD-535D w/Kiwa Filter

Selling my NRD 535D...it has the Kiwa Premium Filter Upgrade @3.5khz and
works great
Original box and manual included, pictures avaialble
600.00

Patrick

Yahoo! Groups Links

Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

* To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com
<mailto:nrd-525-535-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service <http://docs.yahoo.com/info/terms/> .

850. Sherwood SE-3

Yahoo group: nrd-525-535
Date: 2005-01-16 03:32:52 UTC
From: kg4big
Topic: 850 Message: 850

Hello,

I have been reading the postings on the R8 group today on using the SE-3 MK IIID on a R8a . Since I own one...an SE-3 Mk IIID... I thought I would modify my "new" 525 to use it this afternoon before the Steelers game. I am really glad I did. Man the audio is killer. I am using it with the aux output on the SE-3 going to my Tivoli Audio Henry Kloss model 2 radio. The Sat. night Jazz show on KMOX sounds GREAT.

I wonder if anyone on the group has used the 525 with a SE-3 & a KIWA MAP unit ? I woder how they compare on weak signal audio recovery ?

vy 73, Ken

851. Re: [nrd-525-535] Sherwood SE-3

Yahoo group: nrd-525-535
Date: 2005-01-16 07:14:36 UTC
From: Bjarne Mjelde
Topic: 850 Message: 851

Why does it sound great? Is it because of the SE-3 or is it because of
the Tivoli?

> I am
> using it with the aux output on the SE-3 going to my Tivoli Audio Henry
> Kloss model 2 radio. The Sat. night Jazz show on KMOX sounds GREAT.
>
> I wonder if anyone on the group has used the 525 with a SE-3 & a KIWA
> MAP unit ? I woder how they compare on weak signal audio recovery ?
>
> vy 73, Ken
>

--
From The World's Northernmost DX-er
Bjarne Mjelde
Berlevag, Arctic Norway
www.kongsfjord.no
weblog: mjelde.blogspot.com

852. Re: [nrd-525-535] Sherwood SE-3

Yahoo group: nrd-525-535
Date: 2005-01-16 10:24:57 UTC
From: Kenneth Wilson
Topic: 850 Message: 852

--- Bjarne Mjelde <bjarne@...> wrote:

>
> Why does it sound great? Is it because of the SE-3
> or is it because of
> the Tivoli?

Sorry , I was in a rush to get back to the football
game. HIHI

The SE-3. With voices I like the Pro AV7 Radio Shack
speaker hooked to the speaker out of the SE-3. The
Model Two is a little Boomy on voices to suite me.

73, Ken

_____
Do you Yahoo!?
All your favorites on one personal page ? Try My Yahoo!
http://my.yahoo.com

853. Re: [nrd-525-535] Sherwood SE-3

Yahoo group: nrd-525-535
Date: 2005-01-16 15:04:49 UTC
From: John Reed
Topic: 850 Message: 853

----- Original Message -----
From: "kg4big" <kg4big@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, January 15, 2005 9:32 PM
Subject: [nrd-525-535] Sherwood SE-3

I have a Sherwood SE-3 and KIWA map. You'll have the best results using the SE-3 for weak signals. If the signal is really weak neither of these synchronous detectors will work too well. You'll be better off zero beating the carrier and using ECSS. You can also use the SE-3 with homodyne detection. That's the equivalent of AM reception, which may also work well for weak signals but won't sound as good as sync detection.

73, John Reed

>
>
> Hello,
>
> I have been reading the postings on the R8 group today on using the
> SE-3 MK IIID on a R8a . Since I own one...an SE-3 Mk IIID... I thought
> I would modify my "new" 525 to use it this afternoon before the
> Steelers game. I am really glad I did. Man the audio is killer. I am
> using it with the aux output on the SE-3 going to my Tivoli Audio Henry
> Kloss model 2 radio. The Sat. night Jazz show on KMOX sounds GREAT.
>
> I wonder if anyone on the group has used the 525 with a SE-3 & a KIWA
> MAP unit ? I woder how they compare on weak signal audio recovery ?
>
> vy 73, Ken
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> Yahoo! Groups Links
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854. CFL-232 wanted

Yahoo group: nrd-525-535
Date: 2005-01-16 19:31:01 UTC
From: kpt_haddock2001
Topic: 854 Message: 854

Hi
I'm looking for the filter CFL-232 (500 Hz).
Thanks in advance. Andy

855. DRM/525

Yahoo group: nrd-525-535
Date: 2005-01-19 04:04:40 UTC
From: jim franey
Topic: 855 Message: 855

Hi all ! I just received a used 525 and am I impressed at how quiet they are compared to the 535s internal noise.
Question please. I am reading a lot about DRM digital broadcast is this a current thing or a future thing? Are the NRDs modifiable to this? Whats the advantages? I read where some radios are DRM ready? Any info is appreciated as always! Thanks! Jim

856. RE: [nrd-525-535] DRM/525

Yahoo group: nrd-525-535
Date: 2005-01-19 10:32:13 UTC
From: Johan Habing
Topic: 855 Message: 856

Hi Jim,

Have a look at http://home.planet.nl/~avangorp/hobby4-10.html for a DRM modification of a NRD-525.

Succes,

Johan Habing

http://members.home.nl/swl (dutch only)

857. need owner's manual for 535

Yahoo group: nrd-525-535
Date: 2005-01-21 02:08:54 UTC
From: jonsavelle
Topic: 857 Message: 857

Howdy group,

I'm a newbie here with a just-acquired 535. I'm looking for an owner's manual to help clear up my befuddlement, so if anyone has a spare or can send a xerox, pdf or other variant I will be most grateful. I'll even pay!

Cheers,

Jon Savelle

858. Re: [nrd-525-535] need owner's manual for 535

Yahoo group: nrd-525-535
Date: 2005-01-21 07:31:54 UTC
From: John Dokulil
Topic: 857 Message: 858

Jon:

I have an NRD 535Db with KIWA mods. If you can NOT get
a hold of a manual, let me know via e-mail and I will Xerox
you a copy. It may take 12 to 14 days after you notify me
before you receive it, but at least you will have one.

73s

jdokulil@...

----- Original Message -----
From: jonsavelle
To: nrd-525-535@yahoogroups.com
Sent: Thursday, January 20, 2005 6:08 PM
Subject: [nrd-525-535] need owner's manual for 535

Howdy group,

I'm a newbie here with a just-acquired 535. I'm looking for an
owner's manual to help clear up my befuddlement, so if anyone has a
spare or can send a xerox, pdf or other variant I will be most
grateful. I'll even pay!

Cheers,

Jon Savelle

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

859. RE: [nrd-525-535] need owner's manual for 535

Yahoo group: nrd-525-535
Date: 2005-01-21 11:35:17 UTC
From: jim franey
Topic: 857 Message: 859

Isnt there one in the files section of this list?

Yours Jim

-----Original Message-----
From: jonsavelle [mailto:jonsavelle@...]
Sent: Thursday, January 20, 2005 6:09 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] need owner's manual for 535

Howdy group,

I'm a newbie here with a just-acquired 535. I'm looking for an owner's manual to help clear up my befuddlement, so if anyone has a spare or can send a xerox, pdf or other variant I will be most grateful. I'll even pay!

Cheers,

Jon Savelle

Yahoo! Groups Links

860. Re: need owner's manual for 535

Yahoo group: nrd-525-535
Date: 2005-01-21 18:20:49 UTC
From: jonsavelle
Topic: 857 Message: 860

Hi John,

Thanks for the offer! I will take you up on it if nothing else materializes, and I will certainly reimburse you for any expenses.

Cheers,

Jon

--- In nrd-525-535@yahoogroups.com, "John Dokulil" <jdokulil@u...> wrote:
> Jon:
>
> I have an NRD 535Db with KIWA mods. If you can NOT get
> a hold of a manual, let me know via e-mail and I will Xerox
> you a copy. It may take 12 to 14 days after you notify me
> before you receive it, but at least you will have one.
>
> 73s
>
> jdokulil@u...
>
>

--
> ----- Original Message -----
> From: jonsavelle
> To: nrd-525-535@yahoogroups.com
> Sent: Thursday, January 20, 2005 6:08 PM
> Subject: [nrd-525-535] need owner's manual for 535
>
>
>
>
> Howdy group,
>
> I'm a newbie here with a just-acquired 535. I'm looking for an
> owner's manual to help clear up my befuddlement, so if anyone has a
> spare or can send a xerox, pdf or other variant I will be most
> grateful. I'll even pay!
>
> Cheers,
>
> Jon Savelle
>
>

>
>
>
> ---
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/nrd-525-535/
>
> b.. To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

861. Tuning rate

Yahoo group: nrd-525-535
Date: 2005-01-22 15:39:16 UTC
From: jim franey
Topic: 861 Message: 861

HI Guys! Question? I am trying to figure out how to change the tuning rate on my newly acquired 525. I think I am not getting something here in the manual? Thanks! Jim

862. Re: [nrd-525-535] Tuning rate

Yahoo group: nrd-525-535
Date: 2005-01-22 15:44:03 UTC
From: Kenneth Wilson
Topic: 861 Message: 862

Hi Jim,

When you press the RUN buttom it changes.

What do you think of your 525?

73, Ken

--- jim franey <suburude@...> wrote:

> HI Guys! Question? I am trying to figure out how to
> change the tuning
> rate on my newly acquired 525. I think I am not
> getting something here
> in the manual? Thanks! Jim
>
>

Do you Yahoo!?
Yahoo! Mail - 250MB free storage. Do more. Manage less.
http://info.mail.yahoo.com/mail_250

863. RE: [nrd-525-535] Tuning rate

Yahoo group: nrd-525-535
Date: 2005-01-22 19:14:28 UTC
From: jim franey
Topic: 861 Message: 863

I really like it ! I have a 535D which seems much noisier? Than the 525?
Other than the ECSS and BWC I find it as good in all repects. Why are
they quieter?

Yours Jim

-----Original Message-----
From: Kenneth Wilson [mailto:kg4big@...]
Sent: Saturday, January 22, 2005 7:44 AM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Tuning rate

Hi Jim,

When you press the RUN buttom it changes.

What do you think of your 525?

73, Ken

--- jim franey <suburude@...> wrote:

> HI Guys! Question? I am trying to figure out how to
> change the tuning
> rate on my newly acquired 525. I think I am not
> getting something here
> in the manual? Thanks! Jim
>
>

Do you Yahoo!?
Yahoo! Mail - 250MB free storage. Do more. Manage less.
http://info.mail.yahoo.com/mail_250

Yahoo! Groups Links

864. Infrared Remote (SWL IR Remote) for the NRD-535

Yahoo group: nrd-525-535
Date: 2005-01-22 23:10:08 UTC
From: dlandonswl
Topic: 864 Message: 864

Hello All,

There is a great review of the SWL IR Remote in the February issue of Monitoring Times. If you've been wondering about how easy the SWL IR Remote is to install and use, take a look at this review.

You can find out more about the product at:

http://www.swl-remotes.com

Dan

865. Re: [nrd-525-535] Tuning rate

Yahoo group: nrd-525-535
Date: 2005-01-23 10:43:53 UTC
From: cbo
Topic: 861 Message: 865

Hello group,

With the new V1.5 CPU EPROM, you can use 11 tuning steps by pressing the
RUN, <DOWN and UP> keys:

10Hz - 100Hz - 1KHz - 5KHz - 6,25KHz - 8,33KHz - 10KHz - 12,5KHz -
15KHz - 25KHz - 50KHz.

see here :
http://perso.wanadoo.fr/geip/EPROM.htm#V15
and the English notice :
http://perso.wanadoo.fr/geip/Doc/V14-15En.pdf

The NRD-525 is a beautiful receiver !!!

----- Original Message -----
From: "jim franey" <suburude@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, January 22, 2005 8:14 PM
Subject: RE: [nrd-525-535] Tuning rate

>
>
>
>
>
> I really like it ! I have a 535D which seems much noisier? Than the 525?
> Other than the ECSS and BWC I find it as good in all repects. Why are
> they quieter?
>
> Yours Jim
>
>
> -----Original Message-----
> From: Kenneth Wilson [mailto:kg4big@...]
> Sent: Saturday, January 22, 2005 7:44 AM
> To: nrd-525-535@yahoogroups.com
> Subject: Re: [nrd-525-535] Tuning rate
>
>
> Hi Jim,
>
> When you press the RUN buttom it changes.
>
> What do you think of your 525?
>

> 73, Ken
>
> --- jim franey <suburude@...> wrote:
>
> > HI Guys! Question? I am trying to figure out how to
> > change the tuning
> > rate on my newly acquired 525. I think I am not
> > getting something here
> > in the manual? Thanks! Jim
> >
> >
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> _____
> Do you Yahoo!?
> Yahoo! Mail - 250MB free storage. Do more. Manage less.
> http://info.mail.yahoo.com/mail_250
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> Yahoo! Groups Links
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> Yahoo! Groups Links
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866. Re: [nrd-525-535] Tuning rate

Yahoo group: nrd-525-535
Date: 2005-01-23 11:11:45 UTC
From: Bjarne Mjelde
Topic: 861 Message: 866

What about 9 kHz? I could really need that.

P? Sun, 23 Jan 2005 11:43:53 +0100, skrev cbo <c.bo@...>:

>
> Hello group,
>
> With the new V1.5 CPU EPROM, you can use 11 tuning steps by pressing the
> RUN, <DOWN and UP> keys:
>
> 10Hz - 100Hz - 1KHz - 5KHz - 6,25KHz - 8,33KHz - 10KHz - 12,5KHz -
> 15KHz - 25KHz - 50KHz.
>
> see here :
> http://perso.wanadoo.fr/geip/EPROM.htm#V15
> and the English notice :
> http://perso.wanadoo.fr/geip/Doc/V14-15En.pdf
>
> The NRD-525 is a beautiful receiver !!!
>
>
> ----- Original Message -----
> From: "jim franey" <suburude@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Saturday, January 22, 2005 8:14 PM
> Subject: RE: [nrd-525-535] Tuning rate
>
>
>>
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>>
>> I really like it ! I have a 535D which seems much noisier? Than the 525?
>> Other than the ECSS and BWC I find it as good in all repects. Why are
>> they quieter?
>>
>> Yours Jim
>>
>>
>> -----Original Message-----
>> From: Kenneth Wilson [mailto:kg4big@...]
>> Sent: Saturday, January 22, 2005 7:44 AM
>> To: nrd-525-535@yahoogroups.com
>> Subject: Re: [nrd-525-535] Tuning rate

>>
>>
>> Hi Jim,
>>
>> When you press the RUN buttom it changes.
>>
>> What do you think of your 525?
>>
>> 73, Ken
>>
>> --- jim franey <suburude@...> wrote:
>>
>> > HI Guys! Question? I am trying to figure out how to
>> > change the tuning
>> > rate on my newly acquired 525. I think I am not
>> > getting something here
>> > in the manual? Thanks! Jim
>> >
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>> _____
>> Do you Yahoo!?
>> Yahoo! Mail - 250MB free storage. Do more. Manage less.
>> http://info.mail.yahoo.com/mail_250
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>> Yahoo! Groups Links
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From The World's Northernmost DX-er
Bjarne Mjelde
Berlevag, Arctic Norway
www.kongsfjord.no
weblog: mjelde.blogspot.com

867. Re: [nrd-525-535] Tuning rate

Yahoo group: nrd-525-535
Date: 2005-01-23 11:20:06 UTC
From: QRV
Topic: 861 Message: 867

If you want, I can replace 8,33 by 9 KHz step in the NRD V1.5 EPROM.

Best regards,

Christophe B.
F-11676
http://perso.wanadoo.fr/geip/NRD525.htm

----- Original Message -----
From: "Bjarne Mjelde" <bjarne@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, January 23, 2005 12:11 PM
Subject: Re: [nrd-525-535] Tuning rate

>
> What about 9 kHz? I could really need that.
>
> P? Sun, 23 Jan 2005 11:43:53 +0100, skrev cbo <c.bo@...>:
>
> >
> > Hello group,
> >
> > With the new V1.5 CPU EPROM, you can use 11 tuning steps by pressing the
> > RUN, <DOWN and UP> keys:
> >
> > 10Hz - 100Hz - 1KHz - 5KHz - 6,25KHz - 8,33KHz - 10KHz - 12,5KHz -
> > 15KHz - 25KHz - 50KHz.
> >
> > see here :
> > http://perso.wanadoo.fr/geip/EPROM.htm#V15
> > and the English notice :
> > http://perso.wanadoo.fr/geip/Doc/V14-15En.pdf
> >
> > The NRD-525 is a beautiful receiver !!!
> >
> >
> > ----- Original Message -----
> > From: "jim franey" <suburude@...>
> > To: <nrd-525-535@yahoogroups.com>
> > Sent: Saturday, January 22, 2005 8:14 PM
> > Subject: RE: [nrd-525-535] Tuning rate
> >
> >
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> >>
> >> I really like it ! I have a 535D which seems much noisier? Than the
525?
> >> Other than the ECSS and BWC I find it as good in all repects. Why are
> >> they quieter?
> >>
> >> Yours Jim
> >>
> >>
> >> -----Original Message-----
> >> From: Kenneth Wilson [mailto:kg4big@...]
> >> Sent: Saturday, January 22, 2005 7:44 AM
> >> To: nrd-525-535@yahoogroups.com
> >> Subject: Re: [nrd-525-535] Tuning rate
> >>
> >>
> >> Hi Jim,
> >>
> >> When you press the RUN buttom it changes.
> >>
> >> What do you think of your 525?
> >>
> >> 73, Ken
> >>
> >> --- jim franey <suburude@...> wrote:
> >>
> >> > HI Guys! Question? I am trying to figure out how to
> >> > change the tuning
> >> > rate on my newly acquired 525. I think I am not
> >> > getting something here
> >> > in the manual? Thanks! Jim
> >> >
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> >> _________________________________
> >> Do you Yahoo!?
> >> Yahoo! Mail - 250MB free storage. Do more. Manage less.
> >> http://info.mail.yahoo.com/mail_250
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> > Yahoo! Groups Links
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> From The World's Northernmost DX-er
> Bjarne Mjelde
> Berlevag, Arctic Norway
> www.kongsfjord.no
> weblog: mjelde.blogspot.com
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> Yahoo! Groups Links
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868. Re: [nrd-525-535] Tuning rate

Yahoo group: nrd-525-535
Date: 2005-01-23 11:54:51 UTC
From: Harry Forsblom
Topic: 861 Message: 868

I agree with Bjarne Mjelde. The 9-khz step is most important in MW-DX:ing, of course. Thank you, Christophe!
73's HF
----- Original Message -----
From: "QRV" <QRV@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, January 23, 2005 1:20 PM
Subject: Re: [nrd-525-535] Tuning rate

>
> If you want, I can replace 8,33 by 9 KHz step in the NRD V1.5 EPROM.
>
> Best regards,
>
> Christophe B.
> F-11676
> http://perso.wanadoo.fr/geip/NRD525.htm
>
>
> ----- Original Message -----
> From: "Bjarne Mjelde" <bjarne@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Sunday, January 23, 2005 12:11 PM
> Subject: Re: [nrd-525-535] Tuning rate
>
>
> > What about 9 kHz? I could really need that.
> >
> > På Sun, 23 Jan 2005 11:43:53 +0100, skrev cbo <c.bo@...>:
> >
> > > Hello group,
> > >
> > > With the new V1.5 CPU EPROM, you can use 11 tuning steps by pressing the
> > > RUN, <DOWN and UP> keys:
> > >
> > > 10Hz - 100Hz - 1KHz - 5KHz - 6,25KHz - 8,33KHz - 10KHz - 12,5KHz -
> > > 15KHz - 25KHz - 50KHz.
> > >
> > > see here :
> > > http://perso.wanadoo.fr/geip/EPROM.htm#V15
> > > and the English notice :
> > > http://perso.wanadoo.fr/geip/Doc/V14-15En.pdf
> > >

> > > The NRD-525 is a beautiful receiver !!!
> > >
> > >
> > > ----- Original Message -----
> > > From: "jim franey" <suburude@...>
> > > To: <nrd-525-535@yahoogroups.com>
> > > Sent: Saturday, January 22, 2005 8:14 PM
> > > Subject: RE: [nrd-525-535] Tuning rate
> > >
> > >
> > >>
> > >>
> > >>
> > >>
> > >>
> > >> I really like it ! I have a 535D which seems much noisier? Than the
> 525?
> > >> Other than the ECSS and BWC I find it as good in all repects. Why are
> > >> they quieter?
> > >>
> > >> Yours Jim
> > >>
> > >>
> > >> -----Original Message-----
> > >> From: Kenneth Wilson [mailto:kg4big@...]
> > >> Sent: Saturday, January 22, 2005 7:44 AM
> > >> To: nrd-525-535@yahoogroups.com
> > >> Subject: Re: [nrd-525-535] Tuning rate
> > >>
> > >>
> > >> Hi Jim,
> > >>
> > >> When you press the RUN buttom it changes.
> > >>
> > >> What do you think of your 525?
> > >>
> > >> 73, Ken
> > >>
> > >> --- jim franey <suburude@...> wrote:
> > >>
> > >> > HI Guys! Question? I am trying to figure out how to
> > >> > change the tuning
> > >> > rate on my newly acquired 525. I think I am not
> > >> > getting something here
> > >> > in the manual? Thanks! Jim
> > >> >
> > >>
> > >>
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> > >>
> > >> _____
> > >> Do you Yahoo!?
> > >> Yahoo! Mail - 250MB free storage. Do more. Manage less.
> > >> http://info.mail.yahoo.com/mail_250
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> > >>
> > >> Yahoo! Groups Links
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> > --
> > From The World's Northernmost DX-er
> > Bjarne Mjelde
> > Berlevag, Arctic Norway
> > www.kongsfjord.no
> > weblog: mjelde.blogspot.com
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> > Yahoo! Groups Links
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869. Re: [nrd-525-535] Tuning rate

Yahoo group: nrd-525-535
Date: 2005-01-23 15:17:55 UTC
From: John Reed
Topic: 861 Message: 869

----- Original Message -----
From: "jim franey" <suburude@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, January 22, 2005 1:14 PM
Subject: RE: [nrd-525-535] Tuning rate

One reason may be that the 525 has a PLL (phase lock loop) synthesizer. On the 535 JRC went to a new design that uses DDS (direct digital synthesis). It looks like the new 535 synthesizer has more phase noise than the older 525 version. In the RDI White Paper reviews, the 525 phase noise measurement is given as -120 dBc - Excellent, while the 535 has a rating of -117 dBc - Good. The 525 is a better receiver in this catagory. I think that the 525 is actually a better receiver overall.

John Reed
> I really like it ! I have a 535D which seems much noisier? Than the 525?
> Other than the ECSS and BWC I find it as good in all repects. Why are
> they quieter?
>
> Yours Jim
>
>
> -----Original Message-----
> From: Kenneth Wilson [mailto:kg4big@...]
> Sent: Saturday, January 22, 2005 7:44 AM
> To: nrd-525-535@yahoogroups.com
> Subject: Re: [nrd-525-535] Tuning rate
>
>
> Hi Jim,
>
> When you press the RUN buttom it changes.
>
> What do you think of your 525?
>
> 73, Ken
>
> --- jim franey <suburude@...> wrote:
>
>> HI Guys! Question? I am trying to figure out how to
>> change the tuning
>> rate on my newly acquired 525. I think I am not
>> getting something here
>> in the manual? Thanks! Jim
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> _____
> Do you Yahoo!?
> Yahoo! Mail - 250MB free storage. Do more. Manage less.
> http://info.mail.yahoo.com/mail_250
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> Yahoo! Groups Links
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> Yahoo! Groups Links
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870. ECSS

Yahoo group: nrd-525-535
Date: 2005-01-26 17:50:20 UTC
From: jonsavelle
Topic: 870 Message: 870

Howdy group,

Can anyone tell me whether the CWF-78 ECSS board for the 535 is a worthwhile upgrade? And if so, are there any available?

Thanks,

Jon

871. Re: [nrd-525-535] ECSS

Yahoo group: nrd-525-535
Date: 2005-01-26 19:35:17 UTC
From: John Dokulil
Topic: 870 Message: 871

Jon:

I am more of a Dxer (QSL hunter), rather than a mainstream,

high wattage station listener. This means that most of what

I listen for are stations that are low wattage, in the mud,

somewhat garbled, fade in and out broadcasts. The ECSS

has proven to be a necessary peace of equipment in order to

understand what is being said on many of these hard to get

stations. In NO way am I saying that the ECSS is the Holy

Grail of DX equipment, but without it I can truthfully say that

I would have about 10% fewer QSLs. Now If you are not into

DX, and only listen to high wattage (clean) stations, then the

ECSS is of little to no use.

As for where you can find an ECSS card for the NRD 535, I

could not say. I do know that Universal Radio

http://www.universal-radio.com/ no longer carries them.

73s

jdokulil@...

----- Original Message -----
From: jonsavelle
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, January 26, 2005 9:50 AM
Subject: [nrd-525-535] ECSS

Howdy group,

Can anyone tell me whether the CWF-78 ECSS board for the 535 is a
worthwhile upgrade? And if so, are there any available?

Thanks,

Jon

872. Re: ECSS

Yahoo group: nrd-525-535
Date: 2005-01-26 20:18:51 UTC
From: jonsavelle
Topic: 870 Message: 872

Thanks, John! My listening preferences are much like yours, so I'll keep the ECSS in mind.

Jon

--- In nrd-525-535@yahoogroups.com, "John Dokulil" <jdokulil@u...> wrote:
> Jon:
>
>
>
> I am more of a Dxer (QSL hunter), rather than a mainstream,
>
> high wattage station listener. This means that most of what
>
> I listen for are stations that are low wattage, in the mud,
>
> somewhat garbled, fade in and out broadcasts. The ECSS
>
> has proven to be a necessary peace of equipment in order to
>
> understand what is being said on many of these hard to get
>
> stations. In NO way am I saying that the ECSS is the Holy
>
> Grail of DX equipment, but without it I can truthfully say that
>
> I would have about 10% fewer QSLs. Now If you are not into
>
> DX, and only listen to high wattage (clean) stations, then the
>
> ECSS is of little to no use.
>
>
>
> As for where you can find an ECSS card for the NRD 535, I
>
> could not say. I do know that Universal Radio
>
> http://www.universal-radio.com/ no longer carries them.
>
>
>
> 73s
>

> jdokulil@u...
>
> ---

>
> ----- Original Message -----
> From: jonsavelle
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, January 26, 2005 9:50 AM
> Subject: [nrd-525-535] ECSS
>
>
>
>
> Howdy group,
>
> Can anyone tell me whether the CWF-78 ECSS board for the 535 is
a
> worthwhile upgrade? And if so, are there any available?
>
> Thanks,
>
> Jon

873. 10.7 MHz I.F. output

Yahoo group: nrd-525-535
Date: 2005-01-29 20:39:55 UTC
From: franco0348
Topic: 873 Message: 873

Hi,

can anyone tell me if the nrd535 have a 10.7 MHz I.F. output to
connect it to a spectrum analyzer such as AOR 5500 or SR200?
Thanks
Capelli

874. Re: [nrd-525-535] 10.7 MHz I.F. output

Yahoo group: nrd-525-535
Date: 2005-01-29 21:30:58 UTC
From: Fabrizio Magrone
Topic: 873 Message: 874

>can anyone tell me if the nrd535 have a 10.7 MHz I.F. output to
>connect it to a spectrum analyzer such as AOR 5500 or SR200?

Bad news: there is no IF output available in the 535. Besides, IF frequencies are 70.455 MHz, 455 kHz and 97 kHz, so there is no 10.7 MHz conversion to be used for your purposes.

Hope this helps; ciao

Fabrizio

875. NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-01 12:54:04 UTC
From: luckydaze_2000
Topic: 875 Message: 875

Hi all

I can't seem to find good enough info for this function. Can you please help me here.

1] What is this function?

2] How is it used?

3] Can you give me an example of what you would hear to make you use this fuction over other functions like the notch or tone control?

4] Does one adjustment in RIT work for the whole band or is it adjusted for one channel at a time?

5] Do you stay in the RIT display while you're using it or just go into it to make the adjustment and then return to your channel?

Thank you
Lucky

876. Re: [nrd-525-535] NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-01 13:31:25 UTC
From: charles bolland
Topic: 875 Message: 876

First, I would rename the RIT to Fine Tuning. It's a fine tuning function which allows you to tune precisely on the frequency you want.

It only works on a one time basis. If you tune off the freq, it needs to be re-adjusted and I don't believe it's engaged when yoiu switch back to the frequency readout, just when the RIT function is activated.

I am sure someone else has more "precise" information on it.

Chuck
http://www.orchidcitysoftware.com Home of the NRD REMOTE Control applications

----- Original Message -----
From: "luckydaze_2000" <luckydaze69@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, February 01, 2005 12:54
Subject: [nrd-525-535] NRD-525: Please Explain the "RIT" Function

>
>
> Hi all
>
> I can't seem to find good enough info for this function. Can you
> please help me here.
>
> 1] What is this function?
>
> 2] How is it used?
>
> 3] Can you give me an example of what you would hear to make you use
> this fuction over other functions like the notch or tone control?
>
> 4] Does one adjustment in RIT work for the whole band or is it
> adjusted for one channel at a time?
>
> 5] Do you stay in the RIT display while you're using it or just go
> into it to make the adjustment and then return to your channel?
>
> Thank you
> Lucky
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> Yahoo! Groups Links
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877. Re: [nrd-525-535] NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-01 13:31:26 UTC
From: charles bolland
Topic: 875 Message: 877

----- Original Message -----
From: "luckydaze_2000" <luckydaze69@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, February 01, 2005 12:54
Subject: [nrd-525-535] NRD-525: Please Explain the "RIT" Function

>
>
> Hi all
>
> I can't seem to find good enough info for this function. Can you
> please help me here.
>
> 1] What is this function?
>
> 2] How is it used?
>
> 3] Can you give me an example of what you would hear to make you use
> this fuction over other functions like the notch or tone control?
>
> 4] Does one adjustment in RIT work for the whole band or is it
> adjusted for one channel at a time?
>
> 5] Do you stay in the RIT display while you're using it or just go
> into it to make the adjustment and then return to your channel?
>
> Thank you
> Lucky
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> Yahoo! Groups Links
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878. Re: NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-01 14:19:02 UTC
From: luckydaze_2000
Topic: 875 Message: 878

--- In nrd-525-535@yahoogroups.com, "charles bolland" <ka4prf@p...>
wrote:
> First, I would rename the RIT to Fine Tuning. It's a fine tuning
function
> which allows you to tune precisely on the frequency you want.
>
> It only works on a one time basis. If you tune off the freq, it
needs to be
> re-adjusted and I don't believe it's engaged when yoiu switch back
to the
> frequency readout, just when the RIT function is activated.
>
> I am sure someone else has more "precise" information on it.
>
> Chuck
> http://www.orchidcitysoftware.com Home of the NRD REMOTE Control
> applications
>
>
> ----- Original Message -----
> From: "luckydaze_2000" <luckydaze69@h...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Tuesday, February 01, 2005 12:54
> Subject: [nrd-525-535] NRD-525: Please Explain the "RIT" Function
>
>
> > >
> > >
> > Hi all
> >
> > I can't seem to find good enough info for this function. Can you
> > please help me here.
> >
> > 1] What is this function?
> >
> > 2] How is it used?
> >
> > 3] Can you give me an example of what you would hear to make you
use
> > this fuction over other functions like the notch or tone control?
> >
> > 4] Does one adjustment in RIT work for the whole band or is it
> > adjusted for one channel at a time?
> >
> > 5] Do you stay in the RIT display while you're using it or just

go
> > into it to make the adjustment and then return to your channel?
> >
> > Thank you
> > Lucky
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> > Yahoo! Groups Links
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Thanks Charles.

What is the difference between fine tuning it with the regular
tuning mode and the fine tuning?

Is it less then 1Khz steps in RIT?

Ok I see so it only works when you're in the Fine tuning mode display
and for only that station.

Would I be setting this back to zero once I'm finished with the
station??

But you helped me out and I understand it that much better now.

Thanks
Lucky

879. Re: [nrd-525-535] NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-01 18:52:23 UTC
From: Ken Ness
Topic: 875 Message: 879

RIT is not a fine tuning control, as it tunes no finer than the main tuning. It is, as its name indicates, incremental tuning off the original tuned frequency. It is used when listening to a Ham QSO in which one transmitter is slightly mistuned. By tuning in the second Ham with RIT you can hear the signals with equal precision by merely pressing the RIT button to switch between the two (rather than manually retuning each time.) In these days of digitally tuned transmitters this is a facility that rarely needs to be used.

Ken.

On Feb 1, 2005, at 8:31 AM, charles bolland wrote:

> First, I would rename the RIT to Fine Tuning. It's a fine tuning
> function
> which allows you to tune precisely on the frequency you want.
>
> It only works on a one time basis. If you tune off the freq, it
> needs to be
> re-adjusted and I don't believe it's engaged when yoiu switch back to
> the
> frequency readout, just when the RIT function is activated.
>
> I am sure someone else has more "precise" information on it.
>
> Chuck
> http://www.orchidcitysoftware.com Home of the NRD REMOTE Control
> applications
>
>
> ----- Original Message -----
> From: "luckydaze_2000" <luckydaze69@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Tuesday, February 01, 2005 12:54
> Subject: [nrd-525-535] NRD-525: Please Explain the "RIT" Function
>
>
> > >
> > >
> > > Hi all
> > >
> > > I can't seem to find good enough info for this function. Can you
> > > please help me here.
> > >
> > > 1] What is this function?
> > >

> > 2] How is it used?
> >
> > 3] Can you give me an example of what you would hear to make you use
> > this fuction over other functions like the notch or tone control?
> >
> > 4] Does one adjustment in RIT work for the whole band or is it
> > adjusted for one channel at a time?
> >
> > 5] Do you stay in the RIT display while you're using it or just go
> > into it to make the adjustment and then return to your channel?
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> > Lucky
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> > Yahoo! Groups Links
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> Yahoo! Groups Links
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> • To visit your group on the web, go to:
> http://groups.yahoo.com/group/nrd-525-535/
>
> • To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
>
> • Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
>
>

880. Re: [nrd-525-535] NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-01 19:16:07 UTC
From: Harry Forsblom
Topic: 875 Message: 880

In MW-DX, however, listening to weak tropical broadcast stations on split-frequencies and off-beat, RIT is a very useful feature in a receiver like NRD-525. The listening situation resembles Ken's example about mistuned HAM QSO:s, but it is no exception but rather a rule with e.g. Latin American stations on MW.
Harry
----- Original Message -----
From: Ken Ness
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 01, 2005 8:52 PM
Subject: Re: [nrd-525-535] NRD-525: Please Explain the "RIT" Function

RIT is not a fine tuning control, as it tunes no finer than the main tuning. It is, as its name indicates, incremental tuning off the original tuned frequency. It is used when listening to a Ham QSO in which one transmitter is slightly mistuned. By tuning in the second Ham with RIT you can hear the signals with equal precision by merely pressing the RIT button to switch between the two (rather than manually retuning each time.) In these days of digitally tuned transmitters this is a facility that rarely needs to be used.

Ken.

On Feb 1, 2005, at 8:31 AM, charles bolland wrote:

First, I would rename the RIT to Fine Tuning. It's a fine tuning function
which allows you to tune precisely on the frequency you want.

It only works on a one time basis. If you tune off the freq, it needs to be
re-adjusted and I don't believe it's engaged when yoiu switch back to the
frequency readout, just when the RIT function is activated.

I am sure someone else has more "precise" information on it.

Chuck
http://www.orchidcitysoftware.com Home of the NRD REMOTE Control
applications

----- Original Message -----
From: "luckydaze_2000" <luckydaze69@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, February 01, 2005 12:54
Subject: [nrd-525-535] NRD-525: Please Explain the "RIT" Function

>
>
> Hi all
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> I can't seem to find good enough info for this function. Can you
> please help me here.

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> 1] What is this function?
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> 5] Do you stay in the RIT display while you're using it or just go
> into it to make the adjustment and then return to your channel?
>
> Thank you
> Lucky
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> Yahoo! Groups Links
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Yahoo! Groups Links

• To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

• To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

• Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

881. Re: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-01 19:40:33 UTC
From: charles bolland
Topic: 875 Message: 881

I believe you are tuning by 10 Hertz when using the RIT. When you turn
back to the regular freq
readout, the RIT is cut out of the circuit and doesn't apply. So say you
tune to 15189.00 on the main tuning dail. You want to fine tune, so you
click on the RIT and tune to 15190 in 10 Hz steps. While the RIT is
activated you are listening to 15190, but when you turn off the RIT by going
back to the main tuning, your receiver goes back to 15189 automatically and
the RIT isn't activated then.

----- Original Message -----
From: "luckydaze_2000" <luckydaze69@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, February 01, 2005 14:19
Subject: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

>
>
> --- In nrd-525-535@yahoogroups.com, "charles bolland" <ka4prf@p...>
> wrote:
> > First, I would rename the RIT to Fine Tuning. It's a fine tuning
> function
> > which allows you to tune precisely on the frequency you want.
> >
> > It only works on a one time basis. If you tune off the freq, it
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> > Chuck
> > http://www.orchidcitysoftware.com Home of the NRD REMOTE Control
> > applications
> >
> >
> > ----- Original Message -----
> > From: "luckydaze_2000" <luckydaze69@h...>
> > To: <nrd-525-535@yahoogroups.com>
> > Sent: Tuesday, February 01, 2005 12:54
> > Subject: [nrd-525-535] NRD-525: Please Explain the "RIT" Function
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> > >
> > >

> > > Hi all
> > >
> > > I can't seem to find good enough info for this function. Can you
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> > > 1] What is this function?
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> > > 4] Does one adjustment in RIT work for the whole band or is it
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> > > 5] Do you stay in the RIT display while you're using it or just
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> > > into it to make the adjustment and then return to your channel?
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> > > Thank you
> > > Lucky
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> > > Yahoo! Groups Links
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>
> Thanks Charles.
>
> What is the difference between fine tuning it with the regular
> tuning mode and the fine tuning?
>
> Is it less then 1Khz steps in RIT?
>
> Ok I see so it only works when you're in the Fine tuning mode display
> and for only that station.
>
> Would I be setting this back to zero once I'm finished with the
> station??
>

> But you helped me out and I understand it that much better now.
>
> Thanks
> Lucky
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> Yahoo! Groups Links
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882. Re: NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-01 19:53:21 UTC
From: luckydaze_2000
Topic: 875 Message: 882

--- In nrd-525-535@yahoogroups.com, Ken Ness <k.ness@a...> wrote:
> RIT is not a fine tuning control, as it tunes no finer than the
main
> tuning. It is, as its name indicates, incremental tuning off the
> original tuned frequency. It is used when listening to a Ham QSO
in
> which one transmitter is slightly mistuned. By tuning in the
second Ham
> with RIT you can hear the signals with equal precision by merely
> pressing the RIT button to switch between the two (rather than
manually
> retuning each time.) In these days of digitally tuned transmitters
this
> is a facility that rarely needs to be used.
>
> Ken.
>
>
> On Feb 1, 2005, at 8:31 AM, charles bolland wrote:
>
> > First, I would rename the RIT to Fine Tuning. It's a fine
tuning
> > function
> > which allows you to tune precisely on the frequency you want.
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> > It only works on a one time basis. If you tune off the freq,
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> > needs to be
> > re-adjusted and I don't believe it's engaged when yoiu switch
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> > the
> > frequency readout, just when the RIT function is activated.
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> > I am sure someone else has more "precise" information on it.
> >
> > Chuck
> > http://www.orchidcitysoftware.com Home of the NRD REMOTE
Control
> > applications
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> >
> > ----- Original Message -----
> > From: "luckydaze_2000" <luckydaze69@h...>
> > To: <nrd-525-535@yahoogroups.com>

> > Sent: Tuesday, February 01, 2005 12:54
> > Subject: [nrd-525-535] NRD-525: Please Explain the "RIT"
Function
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> > > Thank you
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> > Yahoo! Groups Links
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> > ☐ To visit your group on the web, go to:
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> >
> > ☐ Your use of Yahoo! Groups is subject to the Yahoo!
Terms of
> > Service.
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>

So this is it's main function? For mistuned transmitters and some
weak signals that fit a certain criteria?

So you guys don't use it much then?

Lucky

883. Re: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-01 20:03:00 UTC
From: Harry Forsblom
Topic: 875 Message: 883

Listening to RIT is an alternative, different and exclusively parallel listening enterprise altogether. Maybe there is even another VFO in the NRD-525 involved, maybe not (just memory-based action, most likely), I don't know, but it is not fine tuning. It's rather checking out the periphery of the original frequency for (most often) other signals. Like, say, checking out around the even tens on MW for odd split-frequency stations. The same thing as for the split fq:s on shortwave.
Harry
----- Original Message -----
From: charles bolland
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 01, 2005 9:40 PM
Subject: Re: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

I believe you are tuning by 10 Hertz when using the RIT. When you turn
back to the regular freq
readout, the RIT is cut out of the circuit and doesn't apply. So say you
tune to 15189.00 on the main tuning dail. You want to fine tune, so you
click on the RIT and tune to 15190 in 10 Hz steps. While the RIT is
activated you are listening to 15190, but when you turn off the RIT by going
back to the main tuning, your receiver goes back to 15189 automatically and
the RIT isn't activated then.

----- Original Message -----
From: "luckydaze_2000" <luckydaze69@...>
To: <nrd-525-535@...m>
Sent: Tuesday, February 01, 2005 14:19
Subject: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

>
>
> --- In nrd-525-535@yahoogroups.com, "charles bolland" <ka4prf@p...>
> wrote:
> > First, I would rename the RIT to Fine Tuning. It's a fine tuning
> function
> > which allows you to tune precisely on the frequency you want.
> >
> > It only works on a one time basis. If you tune off the freq, it
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> > frequency readout, just when the RIT function is activated.
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> > http://www.orchidcitysoftware.com Home of the NRD REMOTE Control

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> > ----- Original Message -----
> > From: "luckydaze_2000" <luckydaze69@h...>
> > To: <nrd-525-535@yahoogroups.com>
> > Sent: Tuesday, February 01, 2005 12:54
> > Subject: [nrd-525-535] NRD-525: Please Explain the "RIT" Function
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> > > Thank you
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> > > Yahoo! Groups Links
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884. Re: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-01 20:27:02 UTC
From: charles bolland
Topic: 875 Message: 884

I stand corrected. I think I was describing the FRG7000 I use to have. It had a fine tuning know if I remember correctly?

Chuck

----- Original Message -----
From: "charles bolland" <ka4prf@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, February 01, 2005 19:40
Subject: Re: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

>
> I believe you are tuning by 10 Hertz when using the RIT. When you turn
> back to the regular freq
> readout, the RIT is cut out of the circuit and doesn't apply. So say you
> tune to 15189.00 on the main tuning dail. You want to fine tune, so you
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> activated you are listening to 15190, but when you turn off the RIT by
going
> back to the main tuning, your receiver goes back to 15189 automatically
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> the RIT isn't activated then.
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> ----- Original Message -----
> From: "luckydaze_2000" <luckydaze69@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Tuesday, February 01, 2005 14:19
> Subject: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function
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> > > Chuck
> > > http://www.orchidcitysoftware.com Home of the NRD REMOTE Control
> > > applications
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> > > ----- Original Message -----
> > > From: "luckydaze_2000" <luckydaze69@h...>
> > > To: <nrd-525-535@yahoogroups.com>
> > > Sent: Tuesday, February 01, 2005 12:54
> > > Subject: [nrd-525-535] NRD-525: Please Explain the "RIT" Function
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885. Re: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-01 20:34:13 UTC
From: charles bolland
Topic: 875 Message: 885

Harry,

See my correct where I stood corrected. Too many receivers and not enough memory here.

Chuck

----- Original Message -----
From: Harry Forsblom
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 01, 2005 20:03
Subject: Re: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

Listening to RIT is an alternative, different and exclusively parallel listening enterprise altogether. Maybe there is even another VFO in the NRD-525 involved, maybe not (just memory-based action, most likely), I don't know, but it is not fine tuning. It's rather checking out the periphery of the original frequency for (most often) other signals. Like, say, checking out around the even tens on MW for odd split-frequency stations. The same thing as for the split fq:s on shortwave.
Harry
----- Original Message -----
From: charles bolland
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 01, 2005 9:40 PM
Subject: Re: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

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back to the main tuning, your receiver goes back to 15189 automatically and
the RIT isn't activated then.

----- Original Message -----
From: "luckydaze_2000" <luckydaze69@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, February 01, 2005 14:19
Subject: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

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> --- In nrd-525-535@yahoogroups.com, "charles bolland" <ka4prf@p...>
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> > Chuck
> > http://www.orchidcitysoftware.com Home of the NRD REMOTE Control
> > applications
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> >
> > ----- Original Message -----
> > From: "luckydaze_2000" <luckydaze69@h...>
> > To: <nrd-525-535@yahoogroups.com>
> > Sent: Tuesday, February 01, 2005 12:54
> > Subject: [nrd-525-535] NRD-525: Please Explain the "RIT" Function
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> > > Yahoo! Groups Links
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886. Re: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-01 23:37:26 UTC
From: gandalfg8@aol.com
Topic: 875 Message: 886

Hi All
Excuse me for putting in my two penneth but I think there seems to be a little bit of confusion here over what RIT, Receiver Incremental Tuning, is, or was, actually intended to achieve.
Although some may still find a use for it when operating a receiver stand alone, and ten out of ten for ingenuity, the truth is it was originally intended to be useful when operating a receiver and transmitter as a pair or when fitted to an integrated transceiver.
Consider a situation where you put out a call on your sooper dooper all singing and dancing transceiver with transmiter and receiver on exactly the same frequency. Today the chances are that you'll be answered by someone with an equally sooper dooper transceiver and you'll both just dial up the same frequency and chat away happily for as long as you like.
Now, consider what might have happened a few years ago if you get a response from someone using a separate transmitter and receiver that are on slightly different frequencies.
He, or she, tunes their receiver to your transmitter but then transmits off your receive frequency.
You adjust your receiver, which also moves your transmit frequency, so now he/she has to retune and you can end up pushing each other up or down the band.
With RIT you can just offset your receiver slightly, without moving your transmit frequency, and again chat happily for hours.
That's where/how it started. Not really a lot different from the "clarify" control on a CB rig.
My 525 has RIT but my 535 doesn't. None of my professional receivers have RIT.
In reality it has no useful function on a receiver that isn't coupled to a transmitter and has probably outlived its time.
If you can find a use for it in receive mode only then that's a bonus but it was never intended to be used that way and, if you think about it, you do have to struggle a bit now to justify its existence:-)
regards
Nigel
G8PZR

887. Re: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-02 00:13:09 UTC
From: Kenneth Wilson
Topic: 875 Message: 887

Another handy use for the RIT would be to monitor
Amateur DX stations working " split". Listen to the DX
on the main freq & then press the RIT button & tune
around for the other stations trying to work the DX
stations. I don't do this anymore.....but it is kind
of fun to listen to a big pileup trying to work the
DX.many time the stations will be a solid 5- 10 khz
wall to wall.

73, Ken KG4BIG

_____
Do you Yahoo!?
Yahoo! Mail - Helps protect you from nasty viruses.
http://promotions.yahoo.com/new_mail

888. Re: NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-02 01:27:35 UTC
From: luckydaze_2000
Topic: 875 Message: 888

--- In nrd-525-535@yahoogroups.com, gandalfg8@a... wrote:
> Hi All
> Excuse me for putting in my two penneth but I think there seems to be a
> little bit of confusion here over what RIT, Receiver Incremental Tuning, is, or
> was, actually intended to achieve.
> Although some may still find a use for it when operating a receiver stand
> alone, and ten out of ten for ingenuity, the truth is it was originally intended
> to be useful when operating a receiver and transmitter as a pair or when
> fitted to an integrated transceiver.
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> singing and dancing transceiver with transmiter and receiver on exactly the same
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> from someone using a separate transmitter and receiver that are on slightly
> different frequencies.
> He, or she, tunes their receiver to your transmitter but then transmits off
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> transmitter and has probably outlived its time.
> If you can find a use for it in receive mode only then that's a
bonus but it
> was never intended to be used that way and, if you think about it,
you do
> have to struggle a bit now to justify its existence:-)
> regards
> Nigel
> G8PZR

Well thanks!

I have fooled around with it for sometime, never figuring out what it did. I will say this though. I was listening to some Hams tonight, and I couldn't hear the Ham talking to the other one. Only one came in loud and clear. When I went into RIT and tuned it around, the other voice became more clear. I guess it could have been a coincidence too. Thanks for clearing that up though.

Lucky

889. Re: NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-02 04:26:23 UTC
From: luckydaze_2000
Topic: 875 Message: 889

```
--- In nrd-525-535@yahoogroups.com, Kenneth Wilson <kg4big@y...>
wrote:
> Another handy use for the RIT would be to monitor
> Amateur DX stations working " split". Listen to the DX
> on the main freq & then press the RIT button & tune
> around for the other stations trying to work the DX
> stations. I don't do this anymore......but it is kind
> of fun to listen to a big pileup trying to work the
> DX.many time the stations will be a solid 5- 10 khz
> wall to wall.
>
> 73, Ken KG4BIG
>
>
>
> _____________________________________
> Do you Yahoo!?
> Yahoo! Mail - Helps protect you from nasty viruses.
> http://promotions.yahoo.com/new_mail

How would you know when you found a split frequency to work with??

Lucky
```

890. Re: [nrd-525-535] ECSS

Yahoo group: nrd-525-535
Date: 2005-02-02 04:37:05 UTC
From: Brian Denley
Topic: 870 Message: 890

jonsavelle wrote:
> Howdy group,
>
> Can anyone tell me whether the CWF-78 ECSS board for the 535 is a
> worthwhile upgrade? And if so, are there any available?
>
> Thanks,
>
> Jon
>

Jon:
That board provides what is commonly called a "syncronous detector' or sync detector. It provides a very noticeable improvement to program listening by greatly reducing distortion during deep fades. The one on the 535 is a sideband selectable sync detector which also allows the user to select the sideband away from any adjacent inteference. While you can perform manual ECSS by just switching to SSB mode, a syncronous detector locks onto the carrier and tracks with it automatically. Don't know if they are available but watch Ebay.

Brian Denley
http://home.comcast.net/~b.denley/index.html

891. Re: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-02 09:29:53 UTC
From: Harry Forsblom
Topic: 875 Message: 891

RIT in its (original) radio amateur use is one thing, as I, too, know, and I have been trying to explain that DX-listening to broadcast stations and taking advantage of RIT then is another. In broadcast DX we do not need to struggle to justify its existence, but it seems that many people in the nrd-525-535 group do not go for real broadcast DX, whether MW or SW. Of course, RIT has there also fine tuning functions (it has every function you can find out and avail yourself of, and there are many) like checking out the more exact frequency of a certain broadcast station if it sounds off-beat on the original nominal fq, without losing touch to this nominal frequency. You can also then write down the fq and save to memory channels such interesting stations not to be obliged to repeat the chore later. All in all, RIT is a fine listening device in NRD-525, often more useful and "pure" than, say, a synchronous detector (that store NRD 525 lacks) would be.
Harry
Helsinki, Finland
----- Original Message -----
From: gandalfg8@...
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, February 02, 2005 1:37 AM
Subject: Re: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

Hi All
Excuse me for putting in my two penneth but I think there seems to be a little bit of confusion here over what RIT, Receiver Incremental Tuning, is, or was, actually intended to achieve.
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892. Re: [nrd-525-535] Re: NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-02 11:34:25 UTC
From: Kenneth Wilson
Topic: 875 Message: 892

--- luckydaze_2000 <luckydaze69@...> wrote:

> How would you know when you found a split frequency
> to work with??
>
> Lucky

When tuning around on say 20 meters & you hear what
sounds like 20 or 30 signals transmitting at the same
time..giving only their callsign them suddenly gets
quiet for a few seconds then starts again. During that
quiet time is when the DX station is transmitting.
Then tune around & try to hear the DX station.

I can't tell you how to do this. It like most things
are learned by turning the tuning knob & listening.
Alot of listening.

73 es DX, Ken

_____
Do you Yahoo!?
Yahoo! Mail - You care about security. So do we.
http://promotions.yahoo.com/new_mail

893. Re: NRD-525: Please Explain the "RIT" Function

Yahoo group: nrd-525-535
Date: 2005-02-02 11:58:54 UTC
From: luckydaze_2000
Topic: 875 Message: 893

--- In nrd-525-535@yahoogroups.com, Kenneth Wilson <kg4big@y...>
wrote:
>
> --- luckydaze_2000 <luckydaze69@h...> wrote:
>
> > How would you know when you found a split frequency
> > to work with??
> >
> > Lucky
>
> When tuning around on say 20 meters & you hear what
> sounds like 20 or 30 signals transmitting at the same
> time..giving only their callsign them suddenly gets
> quiet for a few seconds then starts again. During that
> quiet time is when the DX station is transmitting.
> Then tune around & try to hear the DX station.
>
> I can't tell you how to do this. It like most things
> are learned by turning the tuning knob & listening.
> Alot of listening.
>
> 73 es DX, Ken
>
>
>
>
> _____
> Do you Yahoo!?
> Yahoo! Mail - You care about security. So do we.
> http://promotions.yahoo.com/new_mail

Ok thank you

I'll try it for sure now.

Lucky

894. Re: ECSS

Yahoo group: nrd-525-535
Date: 2005-02-03 07:28:05 UTC
From: jonsavelle
Topic: 870 Message: 894

Thanks Brian. I'll keep an eye on eBay.

Jon

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@c...>
wrote:
> jonsavelle wrote:
> > Howdy group,
> >
> > Can anyone tell me whether the CWF-78 ECSS board for the 535 is a
> > worthwhile upgrade? And if so, are there any available?
> >
> > Thanks,
> >
> > Jon
> >
>
> Jon:
> That board provides what is commonly called a "syncronous
detector' or sync
> detector. It provides a very noticeable improvement to program
listening by
> greatly reducing distortion during deep fades. The one on the 535
is a
> sideband selectable sync detector which also allows the user to
select the
> sideband away from any adjacent inteference. While you can
perform manual
> ECSS by just switching to SSB mode, a syncronous detector locks
onto the
> carrier and tracks with it automatically. Don't know if they are
available
> but watch Ebay.
>
> Brian Denley
> http://home.comcast.net/~b.denley/index.html

895. Sell of the JRC NRD 535 DG HF Receiver

Yahoo group: nrd-525-535
Date: 2005-02-13 09:30:18 UTC
From: franco0348
Topic: 895 Message: 895

Hi,
I am going to sell my JRC NRD 535 DG HF Receiver. It is the DG = De Luxe Version, which includes the: CFL-243, CMF-78 and CFL-233 factory installed. Wih the improved CFL-243 Bandwidth Control Option. You can adjust this control to narrow the 2 kHz filter or the 4 kHz filter in 10 Hz steps without varying its center frequency, ensuring effective interference rejection. This control functions in the SSB/CW and AM modes. It is a powerful tool to extract a desired signal from the crowded passband. Perhaps the most exciting feature in the NRD-535D is the CMF-78 Exalted Carrier Selectable Sideband (ECSS) circuit. Often when receiving an AM signal you will encounter interference from an adjacent station. The interference will manifest itself on either the upper or lower sideband of the signal you are trying to hear. The ECSS feature will select the sideband that is not affected and deliver the signal to you with high tonal quality. The D model also includes the CFL-233 1000 Hz Filter, popular with RTTY enthusiasts.
I have the german and english manual. The receiver is used but in a NEAR MINT condition. On request I can send pictures.
The price is Euro 900.
Thanks for the attention.
Capelli Giovanni
Bergamo - Italy

896. Re: [nrd-525-535] Sell of the JRC NRD 535 DG HF Receiver

Yahoo group: nrd-525-535
Date: 2005-02-13 18:29:02 UTC
From: Scarpa Claudio
Topic: 895 Message: 896

caro giovanni
sono amico di dario Monferini. Potrei essere interessato, ma non ho la
possibilit? di installare in condominio l'antenna esterna ...me lo
vieterebbe anche la sovrintendenza. !!!
funziona bene anche con un'antenna indoor? Hai suggerimenti in proposito?
ciao claudio scarpa
venezia

----- Original Message -----
From: "franco0348" <capellibg@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, February 13, 2005 10:30 AM
Subject: [nrd-525-535] Sell of the JRC NRD 535 DG HF Receiver

>
>
> Hi,
> I am going to sell my JRC NRD 535 DG HF Receiver. It is the DG = De
> Luxe Version, which includes the: CFL-243, CMF-78 and CFL-233 factory
> installed. Wih the improved CFL-243 Bandwidth Control Option. You can
> adjust this control to narrow the 2 kHz filter or the 4 kHz filter in
> 10 Hz steps without varying its center frequency, ensuring effective
> interference rejection. This control functions in the SSB/CW and AM
> modes. It is a powerful tool to extract a desired signal from the
> crowded passband. Perhaps the most exciting feature in the NRD-535D
> is the CMF-78 Exalted Carrier Selectable Sideband (ECSS) circuit.
> Often when receiving an AM signal you will encounter interference
> from an adjacent station. The interference will manifest itself on
> either the upper or lower sideband of the signal you are trying to
> hear. The ECSS feature will select the sideband that is not affected
> and deliver the signal to you with high tonal quality. The D model
> also includes the CFL-233 1000 Hz Filter, popular with RTTY
> enthusiasts.
> I have the german and english manual. The receiver is used but in a
> NEAR MINT condition. On request I can send pictures.
> The price is Euro 900.
> Thanks for the attention.
> Capelli Giovanni
> Bergamo - Italy
>
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897. NRD525 site new update

Yahoo group: nrd-525-535
Date: 2005-02-13 19:47:29 UTC
From: christophe525
Topic: 897 Message: 897

13 february 2005 - NEW UPDATE

DRM with NRD-525:
http://perso.wanadoo.fr/geip/DRM525.htm

New page: http://perso.wanadoo.fr/geip/NRD525.htm

73
Christophe.

898. Re: Sell of the JRC NRD 535 DG HF Receiver

Yahoo group: nrd-525-535
Date: 2005-02-14 09:35:40 UTC
From: franco0348
Topic: 895 Message: 898

--- In nrd-525-535@yahoogroups.com, "Scarpa Claudio" <Clascar@t...>
wrote:
> caro giovanni
> sono amico di dario Monferini. Potrei essere interessato, ma non ho
la
> possibilità di installare in condominio l'antenna esterna ...me
lo
> vieterebbe anche la sovrintendenza. !!!
> funziona bene anche con un'antenna indoor? Hai suggerimenti in
proposito?
> ciao claudio scarpa
> venezia
>
>

Salve,
io uso regolarmente la radio con un'antenna magnetica installata
all'interno della stessa stanza. Non ho antenne esterne.
In effetti di antenne interne ne ho di due tipi: la migliore e'
senz'altro la Wellbrook ALA 1530 antenna (Active Magnetic Loop
Antenna for medium and short waves listening operations), che pero'
e' di dimensioni maggiori (circa 1 mt. di diametro)ed installo
all'occasione. L'altra e' tedesca, una GRAHN Spezialantenne, che e'
di dimensioni piu' ridotte, e che tengo sempre installata in quanto
la uso per gli ascolti ordinari.
Se hai bisogno di altre informazioni fammelo sapere.
Ciao,
Capelli

899. Need CFL-287 RF tune board

Yahoo group: nrd-525-535
Date: 2005-02-20 16:35:41 UTC
From: n9lfn
Topic: 899 Message: 899

I need a CFL-287 RF Tune Board for a JRC NRD535D. Can anyone help me locate one? I'm not having any luck.....

Tnx,

Mike

900. NRD 535 and the Kiwa MAP

Yahoo group: nrd-525-535
Date: 2005-02-26 23:11:48 UTC
From: jim franey
Topic: 895 Message: 900

Hello all! I have a question. I just purchased a Kiwa MAP unit and want to set it up with my 535D . The manual gives instructions on where to put the pick up on the 525. But not the 535?
Has anyone set one up?
Does anyone have one? Set up?
What do you think of performance of them. Thanks! Jim

901. NRD-525 and DRM

Yahoo group: nrd-525-535
Date: 2005-02-28 21:01:06 UTC
From: christophe525
Topic: 901 Message: 901

Listen DRM with the internal MC3361P mixer modification !!!

See here :

http://perso.wanadoo.fr/geip/DRM525.htm#DRM3361

902. WTB: NVA-319 speaker

Yahoo group: nrd-525-535
Date: 2005-03-01 13:00:30 UTC
From: n9lfn
Topic: 902 Message: 902

I'm looking for a JRC NVA-319 external speaker. Please state condition and asking price.

Tnx,

Mike

903. Kiwa Map Unit/535D

Yahoo group: nrd-525-535
Date: 2005-03-01 14:56:24 UTC
From: jim franey
Topic: 903 Message: 903

I am in a quandary and I am thinking someone here can help me out. I have just purchased a Kiwa Map that I would like to use with my 535D. It has a pick up arrangement that you install inside the 535 one wire to ground one to ??. I have a manual but it only explains how to hook up to the 525. The 535 is different. Anyone who is familiar or has done this or knows how too please let me know. Thanks Jim

904. Re: [nrd-525-535] Kiwa Map Unit/535D

Yahoo group: nrd-525-535
Date: 2005-03-01 15:53:59 UTC
From: charles bolland
Topic: 903 Message: 904

Jim,

I don't know, but why don't you contact KIWA for instructions?

Chuck

----- Original Message -----
From: jim franey
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, March 01, 2005 14:56
Subject: [nrd-525-535] Kiwa Map Unit/535D

I am in a quandary and I am thinking someone here can help me out. I have just purchased a Kiwa Map that I would like to use with my 535D. It has a pick up arrangement that you install inside the 535 one wire to ground one to ??. I have a manual but it only explains how to hook up to the 525. The 535 is different. Anyone who is familiar or has done this or knows how too please let me know. Thanks Jim

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905. RE: [nrd-525-535] Kiwa Map Unit/535D

Yahoo group: nrd-525-535
Date: 2005-03-01 23:42:27 UTC
From: jim franey
Topic: 903 Message: 905

Anyone who is familiar or has done this or knows how too please let me know. Thanks Jim

Hi Chuck! Craig did not have this info about the 535. readily available. Since the 535 was not out yet when the MAP was. He had info on the 525. He has since given me a place to start. I may have to have someone else do this as I am not an electronic repair , mods guy. I have never pulled the If board on a 535 have you? Do you guys know where I can find a photo of this board CAE-227A IF. I found the T2 point on the schematic but I don't translate this to the real board without a picture!? Again any help on this is appreciated. Thanks Jim

Craigs explanation
"A pickup point for the 455 kHz IF is at TP1 on the CAE-227A IF board. Clip the red spring-clip to TP1. Find a ground point for the black clip. This can be at the chassis, or pcb ground plane or if you like pin 3 of P7 (pcb socket) is also ground.

There is actually a better pickup location with a higher signal level at T2 on CAE-227A. Find T2 and C9. Where C9 connects to T2, solder a small piece of hookup wire so the MAP pickup can be attached. Connect the black wire to ground.

Try T1 first and if the level seems low, try the next pickup location. The 2nd PU point will surely work."

-----Original Message-----
From: charles bolland [mailto:ka4prf@...]
Sent: Tuesday, March 01, 2005 7:54 AM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Kiwa Map Unit/535D

Jim,

I don't know, but why don't you contact KIWA for instructions?

Chuck

----- Original Message -----
From: jim franey <mailto:suburude@...>
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, March 01, 2005 14:56
Subject: [nrd-525-535] Kiwa Map Unit/535D

I am in a quandary and I am thinking someone here can help me out. I have just purchased a Kiwa Map that I would like to use with my 535D. It has a pick up arrangement that you install inside the 535 one wire to

ground one to ??. I have a manual but it only explains how to hook up to the 525. The 535 is different. Anyone who is familiar or has done this or knows how too please let me know. Thanks Jim

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<http://us.ard.yahoo.com/SIG=129au8th6/M=298184.6018725.7038619.3001176/D=groups/S=1705063108:HM/EXP=1109779069/A=2593423/R=0/SIG=11el9gslf/*http:/www.netflix.com/Default?mqso=60190075> click here

<http://us.adserver.yahoo.com/l?M=298184.6018725.7038619.3001176/D=groups/S=:HM/A=2593423/rand=946592216>

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907. Re: [nrd-525-535] Kiwa Map Unit/535D

Yahoo group: nrd-525-535
Date: 2005-03-02 09:19:14 UTC
From: gandalfg8@aol.com
Topic: 903 Message: 907

Hi Jim

The circuit board component layout diagrams are in the service manual but
I've not been able to find this online.
The service manual that I have does not show any of the circuit board track,
just what would be the silk screened legend from the component side.
Unfortunately my scanner is in storage right now so I can only describe what
to look for rather than send you a copy.
My 535 is also in storage so I can't even translate this into track detail
but hopefully what follows should help you identify the correct components.

!!!!!!!!!!! However, please note that I can accept no responsibility if
anything goes wrong !!!!!!!!!!!!!

With the front of the set towards you the IF board is in the fourth slot
from the left.
In a 535D, or any set with the bandwidth control board fitted, this will be
the fourth circuit board.
In a 535 without bandwidth control the third slot will be empty so it will
be the third board.
If my diagram is correct the board will be identified at the top left hand
edge of the component side so that should be visible before removal anyway.
Removing a circuit board is quite easy if you have the JRC puller that fits
into the two holes along the top edge of the circuit boards.
If not, then the end of a pair of long nosed pliers or similar inserted
alternately into each hole and gentle leverage applied against the edge of the
adjacent metal plate should suffice to lever it out gradually.
When replacing a board just make sure the edge connectors are properly
aligned before pushing it home.

The board should be marked on the component side with a silk screened legend
showing component locations.

Looking at the component side of the board with the board flat and
connectors towards you, T1, T2, and T3 are three RF transformers at the left hand edge
of the board.
T1 at the front, T2 just over half way back, and T3 at the back.
Without the board in front of me I can't be sure but assume these will be in
rectangualr screening cans, perhaps 1/2 inch high, with adjustment hole in
the top.
C9 is shown as being immediately above T2 and close to its right hand edge.

Unfortunately this is where the real fun might start cos the 535 boards are
a mixture of wired and surface mount components and I have no idea right now
which C9 will be.
It's 0.1uF so could probably be either.

Tips that might help...
The schematic shows the innput side of T2 as having R12 across the input winding.
R12 is immediately in front of T2 and roughly central along the can edge so it's probably reasonable to assume that the input winding has both pins towards you.
Checking the circuit board track to R12 will soon confirm.
The output winding of T2 has one side connected to C9 and the other side grounded.
It should be quite easy to determine which is which once the track side is examined.
As the other side of C9 joins R17, and R17 is shown to the left of C9, I'm guessing that the junction of C9 and T2 wil be the back right hand pin of T2 as viewed from ABOVE.
Definitely confirm this by examination first though, pcb layout isn't always as logical as you might assume.

If you do identify the C9/T2 junction ok, try to avoid soldering immediately to the pin of T2 if possible.
If that's the only option keep soldering time to a minimum consistent with a good joint to avoid heat travelling up the pin and possibly melting the internal joint to the winding.
Similarly, pick a point close to the grounded side of the T2 for your black wire but again avoid the pin itself if possible or unless you can make the joint quickly.
Following the track and scratching away some of the green lacquer close by is probably the best way if possible.

Excuse all the waffle and apologies if it seems like I over explained it.
The old saying about a picture being worth a thousand words is certainly true...
especially when trying to reverse the process :-)

regards

and good luck

Nigel
G8PZR

908. Re: [nrd-525-535] Kiwa Map Unit/535D

Yahoo group: nrd-525-535
Date: 2005-03-02 09:31:57 UTC
From: gandalfg8@aol.com
Topic: 903 Message: 908

DAMN !!!

My last remaining brain cell finally atrophied !!!

I just reread my last post and see that I stated T1, T2, and T3 are at the
left side of the board when viewed as described.
They are at the RIGHT !!!

Whoops:-)

909. Re: [nrd-525-535] Kiwa Map Unit/535D

Yahoo group: nrd-525-535
Date: 2005-03-02 10:56:34 UTC
From: charles bolland
Topic: 903 Message: 909

Jim,

T1 and T2 etc stand for Test Point 1 or Test Point 2 etc. They are marked on the board top up. They are not components but metal strips that you can attach a test meter to for getting a sample. They are marked as T1 or T2 in white letters. Very easy to find with a magnifying glass.

Chuck

----- Original Message -----
From: jim franey
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, March 01, 2005 23:42
Subject: RE: [nrd-525-535] Kiwa Map Unit/535D

Anyone who is familiar or has done this or knows how too please let me know. Thanks Jim

Hi Chuck! Craig did not have this info about the 535. readily available. Since the 535 was not out yet when the MAP was. He had info on the 525. He has since given me a place to start. I may have to have someone else do this as I am not an electronic repair , mods guy. I have never pulled the If board on a 535 have you? Do you guys know where I can find a photo of this board CAE-227A IF. I found the T2 point on the schematic but I don't translate this to the real board without a picture!?

Again any help on this is appreciated. Thanks Jim

Craigs explanation

"A pickup point for the 455 kHz IF is at TP1 on the CAE-227A IF board. Clip the red spring-clip to TP1. Find a ground point for the black clip. This can be at the chassis, or pcb ground plane or if you like pin 3 of P7 (pcb socket) is also ground.

There is actually a better pickup location with a higher signal level at T2 on CAE-227A. Find T2 and C9. Where C9 connects to T2, solder a small piece of hookup wire so the MAP pickup can be attached. Connect the black wire to ground.

Try T1 first and if the level seems low, try the next pickup location. The 2nd PU point will surely work."

-----Original Message-----
From: charles bolland [mailto:ka4prf@peoplepc.com]
Sent: Tuesday, March 01, 2005 7:54 AM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Kiwa Map Unit/535D

Jim,

I don't know, but why don't you contact KIWA for instructions?

Chuck

----- Original Message -----

From: jim franey

To: nrd-525-535@yahoogroups.com

Sent: Tuesday, March 01, 2005 14:56

Subject: [nrd-525-535] Kiwa Map Unit/535D

I am in a quandary and I am thinking someone here can help me out. I have just purchased a Kiwa Map that I would like to use with my 535D. It has a pick up arrangement that you install inside the 535 one wire to ground one to ??. I have a manual but it only explains how to hook up to the 525. The 535 is different. Anyone who is familiar or has done this or knows how too please let me know. Thanks Jim

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910. Re: [nrd-525-535] Kiwa Map Unit/535D

Yahoo group: nrd-525-535
Date: 2005-03-02 11:31:18 UTC
From: gandalfg8@aol.com
Topic: 903 Message: 910

Hi Chuck

Sorry to have to disagree but Jim's instructions from Craig clearly state
that the recommended pick off point is the junction of T2 and C9.
If you look at the schematic and board layout you will see that T2 in this
case is the second transformer in the 455 Khz IF amplifier strip and C9 is the
output capacitor connected to the secondary of T2.

Test point TP1, not "T1", that Craig refers to is right at the front end of
the IF strip which is why he says the level may be too low.
Test point TP2, again not "T2" is on the input to IC2 wich is a demodulator.
This is after the IF has been further down converted to 97 Khz so could not
be suggested as a 455 KHz pick off point.

regards

Nigel
G8PZR

911. Re: KIWA map unit

Yahoo group: nrd-525-535
Date: 2005-03-02 16:58:13 UTC
From: Spencer Carter
Topic: 911 Message: 911

While I don't know what a KIWA MAP is, it sounds like
you're trying to get IF output. If this is the case,
you might want to explore Sherwood Engineering's
website.

They make an external synch detector/amplifer that
requires IF input and they have comments on what needs
to be done to the NRD-535 to make this happen.

They might be willing to make the mod for you.

Here's the site:

http://www.sherweng.com/interfac.html

Good luck!

Spence

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

912. Worcester SM-2 Space Magnet Ferrite Loop Antenna

Yahoo group: nrd-525-535
Date: 2005-03-03 00:58:06 UTC
From: jim franey
Topic: 912 Message: 912

Hi all! I just want to thank everyone who has given me info on the Kiwa Map Quandry!! I got where it goes and how it works!

A new question for 525 and 535 owners who BCB DX . I have just got a Worcester SM-2 Space Magnet Ferrite Loop Antenna. This is quite the antenna BTW! It has a mini coax coming out to go where ?on my 525 or 535. One piece of the mini coax is ground (braided wire to conector) the other is the antenna connection. Where does this go on the 525 and 535 its for 500-1700 KH BCB reception. Again thanks in advance for any info! And baring with a novice at this! Jim

913. CMH-530

Yahoo group: nrd-525-535
Date: 2005-03-04 03:06:49 UTC
From: Brian Denley
Topic: 380 Message: 913

I have written a program (free) to control the CMH-530 RTTY
demodulator for those who have this card installed in their NRD-535.
It allows the user to choose the RTTY parameters and sends the
decoded text to a window for printing, etc.

The program is written in Visual basic and requires the VB6 runtime
files. Any interest in trying it out?
Thanks
Brian Denley

914. JRC-525 with Bonito Radiocom, RS-232 problem

Yahoo group: nrd-525-535
Date: 2005-03-04 14:22:57 UTC
From: pietrobossi
Topic: 914 Message: 914

Hello all,

i wonder if someone is using Bonito Radiocom with an JRC-525.

I connected my RX, but not all command are understood, only
frequency setup.

Mode USB/LSB/CW/AM/FM/RTTY/FAX are not switched, even if the program
send correct string H1 Dn (where n = 1 to 8).

It seem a speed problem with the serial interface of the radio at
1200 bps, because i get the same trouble with MS Hyperterminal
sending fast command to the radio (sending a text file containing
the command), but all is OK 100% typing command on keyboard (slowly).

I would like to ask someone if is disponible for a try, to determine
if my interface have problem or is ok.

JRC-525 / CMH-532 / eeprom = normal version / crossed cable with
handshake / PC = pentium 3 600MHz / Bonito radiocom 5.1

Please HELP !!!

915. JRC-525 // NEW EEPROM ??

Yahoo group: nrd-525-535
Date: 2005-03-04 14:26:23 UTC
From: pietrobossi
Topic: 915 Message: 915

Hello all,

sorry, i would like to know, after long serching and reading, where to find the eeprom (or the file to program an eeprom) with new release of 525 firmware (should be a ver 1.5 i think).

- Isn't free but i pay for it ?
- Solved problem ?
- New functions ?

many thanks, Pietro

HB9RXC, south Switzerland

916. ECSS board wanted for 535

Yahoo group: nrd-525-535
Date: 2005-03-04 22:32:15 UTC
From: jonsavelle
Topic: 916 Message: 916

Anybody have a spare?

Thanks!

Jon Savelle

917. Looking for a CMK-165 !!! please read

Yahoo group: nrd-525-535
Date: 2005-03-05 18:01:44 UTC
From: pietrobossi
Topic: 917 Message: 917

Hello 525-fans,

well i am looking for a V/UHF converter for my NRD-525, price isn't to much relevant (hey... be honest..!!), only 100% working unit please.

If you are interested, please contact me directly TNX Pietro.

pietro.bossi@...

918. NRD525 site - new update

Yahoo group: nrd-525-535
Date: 2005-03-06 16:34:29 UTC
From: christophe525
Topic: 918 Message: 918

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6 march 2005 - NEW UPDATE
-------------------------

DRM with NRD-525 : http://perso.wanadoo.fr/geip/DRM525.htm

modifications : http://perso.wanadoo.fr/geip/modifs.htm

EPROM CPU : http://perso.wanadoo.fr/geip/EPROM.htm

73,
Christophe.
http://perso.wanadoo.fr/geip/NRD525.htm
```

919. Kiwa Map Hookup!

Yahoo group: nrd-525-535
Date: 2005-03-09 00:26:58 UTC
From: jim franey
Topic: 919 Message: 919

I want to thank everybody that gave me info on the pickup point for the Kiwa Map. Thanks! Jim

920. Looking for NRD-525 EEPROM version B

Yahoo group: nrd-525-535
Date: 2005-03-16 09:54:01 UTC
From: pietrobossi
Topic: 920 Message: 920

Hello 525 fans,

i would like to know if someone know where to find an eeprom version A or B, not the modified versions of the memory, just the standard one ! Just in case, a binary image file of the eeprom is also ok (.bin).

Please let me know. TNX Pietro HB9RXC

921. SWs Future

Yahoo group: nrd-525-535
Date: 2005-03-17 14:38:48 UTC
From: jim franey
Topic: 921 Message: 921

Hello. I have a general question for the group. I have recently observed the demise of Sonys SW77 in the USA (still available in Europe) as well as just yesterday receiving an e mail that Drake is discontinuing there R8B receiver.
I am just wondering what you feel about the future of SW radio in the world?
Does it have a future? Jim

922. Re: SWs Future

Yahoo group: nrd-525-535
Date: 2005-03-17 15:56:20 UTC
From: pietrobossi
Topic: 921 Message: 922

--- In nrd-525-535@yahoogroups.com, "jim franey" <suburude@c...>
wrote:
> Hello. I have a general question for the group. I have recently
observed
> the demise of Sonys SW77 in the USA (still available in Europe) as
well
> as just yesterday receiving an e mail that Drake is discontinuing
there
> R8B receiver.
> I am just wondering what you feel about the future of SW radio in
the
> world?
> Does it have a future? Jim

Hello Jim...

Uhmmmmm.... short waves ?? whats that ??
Personally, i know just a couples of people (HAM's apart) that have
used Short Wave in all the life.
And also how long will the broadcaster (MW/HF) spend lot of money to
use and maintain big and expensives trasmitter/antennas to reach
nobody or very few people around ???

My opinion is that the near future... we will hear only pink/white
noise over the HF...

Bye from Switzerland.... via Internet !!! Pietro

923. RE: [nrd-525-535] SWs Future

Yahoo group: nrd-525-535
Date: 2005-03-17 16:32:20 UTC
From: Bill Carney
Topic: 921 Message: 923

It has a future...just one quite a bit different than what we have now.

By the way, Universal says the Icom R75 is discontinued as well.

From: jim franey [mailto:suburude@...]
Sent: Thursday, March 17, 2005 9:39 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] SWs Future

Hello. I have a general question for the group. I have recently observed the demise of Sonys SW77 in the USA (still available in Europe) as well as just yesterday receiving an e mail that Drake is discontinuing there R8B receiver.
I am just wondering what you feel about the future of SW radio in the world? Does it have a future? Jim

---

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<http://docs.yahoo.com/info/terms/> .

924. nrd535d serial number question

Yahoo group: nrd-525-535
Date: 2005-03-17 16:59:38 UTC
From: dezeeuwhans
Topic: 924 Message: 924

Hi group,

A couple of days back I bought an nrd535d with the serial number br77730. Is this a high number and from wich year is this radio?

Thank you very much.

grtz.

Hans

925. RE: [nrd-525-535] Re: SWs Future

Yahoo group: nrd-525-535
Date: 2005-03-17 19:25:57 UTC
From: jim franey
Topic: 921 Message: 925

Interesting? Pietro you are on a 525-535 list . The radios believe it or not were designed for short wave use. What are you Talking about. Are you serious? Jim

Personally, i know just a couples of people (HAM's apart) that have used Short Wave in all the life.

-----Original Message-----
From: pietrobossi [mailto:pietro.bossi@...]
Sent: Thursday, March 17, 2005 7:56 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: SWs Future

--- In nrd-525-535@yahoogroups.com, "jim franey" <suburude@c...> wrote:
> Hello. I have a general question for the group. I have recently observed
> the demise of Sonys SW77 in the USA (still available in Europe) as well
> as just yesterday receiving an e mail that Drake is discontinuing there
> R8B receiver.
> I am just wondering what you feel about the future of SW radio in the
> world?
> Does it have a future? Jim

Hello Jim...

Uhmmmmm.... short waves ?? whats that ??
Personally, i know just a couples of people (HAM's apart) that have used Short Wave in all the life.
And also how long will the broadcaster (MW/HF) spend lot of money to use and maintain big and expensives trasmitter/antennas to reach nobody or very few people around ???

My opinion is that the near future... we will hear only pink/white noise over the HF...

Bye from Switzerland.... via Internet !!! Pietro

Yahoo! Groups Links

926. Re: SWs Future

Yahoo group: nrd-525-535
Date: 2005-03-17 20:39:09 UTC
From: pietrobossi
Topic: 921 Message: 926

--- In nrd-525-535@yahoogroups.com, "jim franey" <suburude@c...>
wrote:
>
>
> Interesting? Pietro you are on a 525-535 list . The radios believe
it or
> not were designed for short wave use. What are you Talking about.
Are
> you serious? Jim
>
> Personally, i know just a couples of people (HAM's apart) that
have
> used Short Wave in all the life.
>

Hello again Jim,

sorry, maybe i was not uderstood at all !!

First of all, yes, i am a SWL and HAM since 1970, so couple of year interested in all the aspects of listening HF ! I begun with my grandfather radio, with tubes... hihi (or valves ??)

But, yes, i was yoking,... but seriously... i repeat :

how many peoples (excluding HAM, SWL, BCL,etc...) so called normal people do listen to the HF band to hear music, news, drama or whatever you want ?? I think (in Europe) there is not so much interest of the above people to listen HF. Am i wrong ???

In addiction, i teach other people (thousand of people) the basic thecnical aspect and use of radio for the marine band operator, ROC, LRC and SRC GMDSS class courses, but few of them had an idea of what are and why we still use HF for long range communications....

Sure, for the professional and technical users the HF band will be allways important and usefull...

Sorry again, maybe my english is so poor i can't explain better..

73' Pietro.

927. Re: nrd535d serial number question

Yahoo group: nrd-525-535
Date: 2005-03-17 22:55:36 UTC
From: arne_at_cox_net
Topic: 924 Message: 927

I bought my NRD-535D new in February of 1995 and it is
serial number BR58xxx. I would say that it is a high
number since they were discontinued just a few years later.

Arne

--- In nrd-525-535@yahoogroups.com, "dezeeuwhans"
<dxhunter.zeeuw@h...> wrote:
> Hi group,
> A couple of days back I bought an nrd535d with the serial number
> br77730. Is this a high number and from wich year is this radio?
> Thank you very much.
> grtz.
> Hans

928. Re: SWs Future

Yahoo group: nrd-525-535
Date: 2005-03-17 23:06:34 UTC
From: arne_at_cox_net
Topic: 921 Message: 928

I don't know about the future of SWBC, but I'm sure ute signals
on HF are not going away for quite some time. Ute signals are
all I care to listen to. That's why I bought a JRC radio.

Arne

--- In nrd-525-535@yahoogroups.com, "jim franey" <suburude@c...>
wrote:
> Hello. I have a general question for the group. I have recently
observed
> the demise of Sonys SW77 in the USA (still available in Europe) as
well
> as just yesterday receiving an e mail that Drake is discontinuing
there
> R8B receiver.
> I am just wondering what you feel about the future of SW radio in
the
> world?
> Does it have a future? Jim

929. Re: [nrd-525-535] SWs Future

Yahoo group: nrd-525-535
Date: 2005-03-18 00:08:53 UTC
From: Wiilliam Krause
Topic: 921 Message: 929

Jim,
And I have also heard that the Icom R-75 may be discontinued.
When two of the few major hobby radios are discontinued it is not a good sign. What really concerns me is that no replacements have been announced. The reality is technology and the Net are hitting the radio hobby that I grew up with hard. International broadcasters are abandoning traditional short-wave broadcast in favor of alternative technologies and not many young people are getting into the hobby and casual listeners are just not there. I suspect the market just isn't there. I suspect my considerable investment in some the best and near best radios of the last 50 years isn't going to turn out to be a particularly good investment. My heirs will probably not get rich on them but I have had a heck of a good time collecting and listening to them. My Icom R-8500 arrived today and it rests just undereneath the Icom R-75 which intern rests a top the NRD 535D.

Bill Krause

jim franey wrote:

> Hello. I have a general question for the group. I have recently
> observed the demise of Sonys SW77 in the USA (still available in
> Europe) as well as just yesterday receiving an e mail that Drake is
> discontinuing there R8B receiver.
>
> I am just wondering what you feel about the future of SW radio in the
> world?
>
> Does it have a future? Jim
>
>
>
>
>
>
> --

930. Re: nrd535d serial number question

Yahoo group: nrd-525-535
Date: 2005-03-20 08:19:46 UTC
From: Ari Kilponen
Topic: 924 Message: 930

Hi,

my NRD-535 has serial number 596xx and was bought in 1996 or 1997 as
used one from Gilfer. As far as I know, this belongs to the latest
production stock. A couple months ago there was a 535 with serial
number close to mine for sale in US eBay.

--- In nrd-525-535@yahoogroups.com, "dezeeuwhans"
<dxhunter.zeeuw@h...> wrote:
>
> Hi group,
>
> A couple of days back I bought an nrd535d with the serial number
> br77730. Is this a high number and from wich year is this radio?
>
> Thank you very much.
>
> grtz.
>
> Hans

931. What is a blog?

Yahoo group: nrd-525-535
Date: 2005-03-21 18:49:12 UTC
From: maggie179k
Topic: 931 Message: 931

I found this url surfing, http://blogs.ardice.com
But can someone explain to me what a blog is? - Maggie179k

932. Re: [nrd-525-535] What is a blog?

Yahoo group: nrd-525-535
Date: 2005-03-21 19:21:45 UTC
From: gandalfg8@aol.com
Topic: 931 Message: 932

Hiya

It's short for Weblog...
a sort of online diary..
often where someone assumes that the whole world is interested in the minute details of their existence so they can't resist sharing it.

934. NRD-525 NRD-525G, CPU EPROM

Yahoo group: nrd-525-535
Date: 2005-03-24 12:54:17 UTC
From: cbocb
Topic: 934 Message: 934

Please,

What is the difference between the NRD-525 and the new NRD-525G ?

Is someone have the V1.5 CPU EPROM with 11 tuning steps and 5 IF
filters selection ?
(http://perso.wanadoo.fr/geip/EPROM.htm#V15)

Is is a good EPROM ?

935. Plam Board

Yahoo group: nrd-525-535
Date: 2005-03-24 14:21:59 UTC
From: jim franey
Topic: 935 Message: 935

Hello all! I am looking for a Plam board for my 525 any info on who has one for sale or where I can get one would be appreciated. My e mail address : suburude@...

936. JRC CHE-199 VHF/UHF CONVERTER WORK ON NRD535D

Yahoo group: nrd-525-535
Date: 2005-03-24 21:40:40 UTC
From: peteyn692003
Topic: 936 Message: 936

CAN I INSTALL THE JRC CHE-199 VHF/UHF CONVERTER IN JRC NRD535D
RECEIVER?
AND Can I INSTALL THE 4KHZ AND 1.9 KHZ COLLINS FILTERS?

THANK, JEFF PETERSON

937. Re: [nrd-525-535] Plam Board

Yahoo group: nrd-525-535
Date: 2005-03-24 22:02:17 UTC
From: charles bolland
Topic: 935 Message: 937

Jim,

I have a plam board for the NRD525

Chuck
ka4prf@...

----- Original Message -----
From: jim franey
To: nrd-525-535@yahoogroups.com
Sent: Thursday, March 24, 2005 14:21
Subject: [nrd-525-535] Plam Board

Hello all! I am looking for a Plam board for my 525 any info on who has one for sale or where I can get one would be appreciated. My e mail address : suburude@...

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938. RE: [nrd-525-535] Plam Board

Yahoo group: nrd-525-535
Date: 2005-03-25 00:25:39 UTC
From: jim franey
Topic: 935 Message: 938

Chuck would you sell it? Does it come with the filters? Thanks! Jim

-----Original Message-----
From: charles bolland [mailto:ka4prf@...]
Sent: Thursday, March 24, 2005 2:02 PM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Plam Board

Jim,

I have a plam board for the NRD525

Chuck
ka4prf@...

----- Original Message -----
From: jim franey <mailto:suburude@...>
To: nrd-525-535@yahoogroups.com
Sent: Thursday, March 24, 2005 14:21
Subject: [nrd-525-535] Plam Board

Hello all! I am looking for a Plam board for my 525 any info on who has
one for sale or where I can get one would be appreciated. My e mail
address : suburude@...

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D=groups/S=1705063108:HM/EXP=1111788171/A=2593423/R=0/SIG=11el9gslf/*htt
p:/www.netflix.com/Default?mqso=60190075> click here

<http://us.adserver.yahoo.com/l?M=298184.6191685.7192823.3001176/D=group
s/S=:HM/A=2593423/rand=468097485>

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939. New to the group

Yahoo group: nrd-525-535
Date: 2005-03-30 05:39:50 UTC
From: n7mfr
Topic: 939 Message: 939

Greetings to all! I recently purchased a NRD-525 with the VHF/UHF converter for $350.00 USD at a local hamfest. I had always wanted to try a rig from JRC, and the price seemed right. I am happy with it so far. I seem to have a somewhat later version of the rig, serial number 51797. The radio also came with the original sales brochure and manual as well as the receipt and retail price list from JRC. The rig was purchased in February of 1991.
I have yet to figure out the serial number and upgrade times for this rig. I have read through this whole list and it seems we are all looking for the same information. Wonder if anyone has contacted JRC about that information? Also wonder if anyone has found a DC power cord that works for the radio? I will rig one if needed, but would like a perfect fit.
I have the rig connected to my vintage stereo in the radio room via the line out on the 525. It sounds wonderful through my old A.R. speakers. Looking forward to being a part of this group. 73

Dave, N7MFR

940. Re: [nrd-525-535] New to the group

Yahoo group: nrd-525-535
Date: 2005-03-30 12:30:48 UTC
From: Bjarne Mjelde
Topic: 939 Message: 940

Congratulations on your 525. USD 350 must be a steal considering the quality of this receiver. As you are aware of, s/n 51797 is very late in the production run. Apart from this reflector, you may find "The Dallas Files" on www.kongsfjord.no an interesting source of information on how to optimise the NRD-525.

--
From the world's northermost DX-er
Bjarne Mjelde, Berlevag, Arctic Norway
www.kongsfjord.no
blog: mjelde.blogspot.com

On Wed, 30 Mar 2005 05:39:50 -0000, n7mfr <n7mfr@...> wrote:
>
>
> Greetings to all! I recently purchased a NRD-525 with the VHF/UHF
> converter for $350.00 USD at a local hamfest. I had always wanted to
> try a rig from JRC, and the price seemed right. I am happy with it so
> far. I seem to have a somewhat later version of the rig, serial number
> 51797. The radio also came with the original sales brochure and manual
> as well as the receipt and retail price list from JRC. The rig was
> purchased in February of 1991.
> I have yet to figure out the serial number and upgrade times for this
> rig. I have read through this whole list and it seems we are all
> looking for the same information. Wonder if anyone has contacted JRC
> about that information? Also wonder if anyone has found a DC power
> cord that works for the radio? I will rig one if needed, but would
> like a perfect fit.
> I have the rig connected to my vintage stereo in the radio room via
> the line out on the 525. It sounds wonderful through my old A.R.
> speakers. Looking forward to being a part of this group. 73
>
> Dave, N7MFR
>
>
> Yahoo! Groups Links
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>
>
>
>

941. Re: New to the group

Yahoo group: nrd-525-535
Date: 2005-03-31 11:59:25 UTC
From: cbocb
Topic: 939 Message: 941

You can see here many informations about the NRD-525
http://perso.wanadoo.fr/geip/NRD525.htm

There is modifications, a RS232 card and a new CPU EPROM...

--- In nrd-525-535@yahoogroups.com, "n7mfr" <n7mfr@y...> wrote:
>
> Greetings to all! I recently purchased a NRD-525 with the VHF/UHF
> converter for $350.00 USD at a local hamfest. I had always wanted to
> try a rig from JRC, and the price seemed right. I am happy with it so
> far. I seem to have a somewhat later version of the rig, serial number
> 51797. The radio also came with the original sales brochure and manual
> as well as the receipt and retail price list from JRC. The rig was
> purchased in February of 1991.
> I have yet to figure out the serial number and upgrade times for this
> rig. I have read through this whole list and it seems we are all
> looking for the same information. Wonder if anyone has contacted JRC
> about that information? Also wonder if anyone has found a DC power
> cord that works for the radio? I will rig one if needed, but would
> like a perfect fit.
> I have the rig connected to my vintage stereo in the radio room via
> the line out on the 525. It sounds wonderful through my old A.R.
> speakers. Looking forward to being a part of this group. 73
>
> Dave, N7MFR

944. NVA-319 diagram

Yahoo group: nrd-525-535
Date: 2005-04-09 19:41:11 UTC
From: cbocb
Topic: 944 Message: 944

Please, is someone can send me the NVA-319 speaker schematic diagram?
Thanks.

945. Kiwa Loop

Yahoo group: nrd-525-535
Date: 2005-04-10 11:27:57 UTC
From: jim franey
Topic: 945 Message: 945

Hello. I am looking for a Kiwa Loop antenna. If anyone knows of one for sale please e mail me . I would appreciate it. Thanks Jim
suburude@...

946. 12volt Power Cord for 525

Yahoo group: nrd-525-535
Date: 2005-04-13 00:17:13 UTC
From: suburude
Topic: 946 Message: 946

I am looking for a 12 volt cord for my 525. to run it off a battery.
Any idea where I can get one. Thanks! Jim

947. AOR AR7030+

Yahoo group: nrd-525-535
Date: 2005-04-18 01:03:53 UTC
From: jim franey
Topic: 947 Message: 947

Hi I am looking for a nice AOR AR7030+ plus. to buy. Anyone know of one for sale please e mail me.

948. Antenna problems

Yahoo group: nrd-525-535
Date: 2005-04-18 20:58:34 UTC
From: jim franey
Topic: 948 Message: 948

Hello all I am having a problem with 2 things on my 535D.
1) My antenna connections are almost not working the coax is all
but a dead connection the wire connection is a little better?
The coax and antenna are fine ?

2) On the 80mm band I am picking up BCB interference?

Please Any help or suggestions appreciated? Jim

949. Connection

Yahoo group: nrd-525-535
Date: 2005-04-18 21:00:32 UTC
From: jim franey
Topic: 935 Message: 949

Hello all I am having a problem with 2 things on my 535D.
1) My antenna connections are almost not working the coax is all
but a dead connection the ware is a little better?

2) Is it possible something is loose inside?

3) On the 80mm band I am picking up BCB interference?

Please Any help or suggestions appreciated? Jim

-----Original Message-----
From: jim franey [mailto:suburude@...]
Sent: Thursday, March 24, 2005 4:26 PM
To: nrd-525-535@yahoogroups.com
Subject: RE: [nrd-525-535] Plam Board

Chuck would you sell it? Does it come with the filters? Thanks! Jim

-----Original Message-----
From: charles bolland [mailto:ka4prf@...]
Sent: Thursday, March 24, 2005 2:02 PM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Plam Board

Jim,

I have a plam board for the NRD525

Chuck
ka4prf@...

----- Original Message -----
From: jim franey <mailto:suburude@...>
To: nrd-525-535@yahoogroups.com
Sent: Thursday, March 24, 2005 14:21
Subject: [nrd-525-535] Plam Board

Hello all! I am looking for a Plam board for my 525 any info on who has
one for sale or where I can get one would be appreciated. My e mail
address : suburude@...

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p:/www.netflix.com/Default?mqso=60190075> click here

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950. Connection

Yahoo group: nrd-525-535
Date: 2005-04-18 21:13:01 UTC
From: jim franey
Topic: 935 Message: 950

Sorry if there was confusion in my asking for assistance.
It's the radio that is having the problem not the coax or antennas they have been checked and are working fine.
So it's the 50ohm and wire connection . Where ever that goes inside.
What do you think?? Jim

951. Connection

Yahoo group: nrd-525-535
Date: 2005-04-18 21:15:46 UTC
From: jim franey
Topic: 935 Message: 951

I am getting very little out of the 50 ohm connection and a little better out of the wire ant. Connection. But I am getting a little but it definitely is not working correctly. Thanks! Jim

952. Re: [nrd-525-535] Connection

Yahoo group: nrd-525-535
Date: 2005-04-19 02:32:55 UTC
From: Brian Denley
Topic: 935 Message: 952

jim franey wrote:
> I am getting very little out of the 50 ohm connection and a little
> better out of the wire ant. Connection. But I am getting a little but
> it definitely is not working correctly. Thanks! Jim

Jim:
Any chance you had a lightning strike nearby? Sounds like you might have
zapped the front end.

Brian Denley
http://home.comcast.net/~b.denley/index.html

953. connection

Yahoo group: nrd-525-535
Date: 2005-04-19 10:11:10 UTC
From: jim franey
Topic: 953 Message: 953

No lightning strikes Brian ??? Jim

jim franey wrote:
> I am getting very little out of the 50 ohm connection and a little
> better out of the wire ant. Connection. But I am getting a little but
> it definitely is not working correctly. Thanks! Jim

Jim:
Any chance you had a lightning strike nearby? Sounds like you might
have
zapped the front end.

954. Re: 12volt Power Cord for 525

Yahoo group: nrd-525-535
Date: 2005-04-21 16:17:48 UTC
From: jmgirard2001
Topic: 946 Message: 954

--- In nrd-525-535@yahoogroups.com, "suburude" <suburude@c...> wrote:
>
> I am looking for a 12 volt cord for my 525. to run it off a battery.
> Any idea where I can get one. Thanks! Jim

Do It Yourself as me.
I used a Main 220 V câble and connector of an old electronic stuff.
Modify the shape of the rubber of the connector.
Fill glue on one side etc ..
See my photographies in the photos section.

Best regards
Jean

955. RE: [nrd-525-535] Re: 12volt Power Cord for 525

Yahoo group: nrd-525-535
Date: 2005-04-21 21:37:04 UTC
From: jim franey
Topic: 946 Message: 955

Thanks a great idea! Jim

956. BWC cfl-243W

Yahoo group: nrd-525-535
Date: 2005-04-24 19:09:34 UTC
From: koomako
Topic: 956 Message: 956

Hi best 535 experts,

Recently I bought a NRD-535 (not D or DG) with serial 54774, I think
that is the first series. The set has a BWC unit built in. I seems to
me that this unit is not working properly, it just shifts the
frequency without narrowing (DSP plot of the audio response on PC).
I measured the frequency output at tp2 and tp3 of the BWC unit, which
seems to be OK (tp2 854998-856898 and tp3 854998-856098). Does anybody
have a clue where the problem is ???
The only thing I noticed is that the BWC board is marked as cfl-243W,
as I expected a cfl-243 for my serial number (maybe fitted in later?).
Is the 'W'compatible with my serial?

any suggestion will be appreciated,

thanks,
Koos

957. Re: [nrd-525-535] BWC cfl-243W

Yahoo group: nrd-525-535
Date: 2005-04-24 20:27:14 UTC
From: Bjarne Mjelde
Topic: 956 Message: 957

You did not specify which bandwidths and modes you were using. If I
remember correctly, pre 56000-something models could use BWC only in
SSB mode and only using the Inter filter.

--
From the world's northernmost DX-er
Bjarne Mjelde, Berlevag, Arctic Norway
www.kongsfjord.no
blog: mjelde.blogspot.com

On 4/24/05, koomako <kooss@...> wrote:
>
>
> Hi best 535 experts,
>
> Recently I bought a NRD-535 (not D or DG) with serial 54774, I think
> that is the first series. The set has a BWC unit built in. I seems to
> me that this unit is not working properly, it just shifts the
> frequency without narrowing (DSP plot of the audio response on PC).
> I measured the frequency output at tp2 and tp3 of the BWC unit, which
> seems to be OK (tp2 854998-856898 and tp3 854998-856098). Does anybody
> have a clue where the problem is ???
> The only thing I noticed is that the BWC board is marked as cfl-243W,
> as I expected a cfl-243 for my serial number (maybe fitted in later?).
> Is the 'W'compatible with my serial?
>
> any suggestion will be appreciated,
>
> thanks,
> Koos
>
>
> Yahoo! Groups Links
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959. Wanted: 525 &535 Series Board Extender

Yahoo group: nrd-525-535
Date: 2005-04-24 20:46:46 UTC
From: Bill Marvin
Topic: 959 Message: 959

I am looking for a Circuit Board Extender for the 535 & 535 series receiver for troubleshooting. A homemade Extender would be excellent also.

Many Thanks!

Bill

960. NRD-535 RTTY Board CMH-350

Yahoo group: nrd-525-535
Date: 2005-04-25 01:49:13 UTC
From: Brian Denley
Topic: 960 Message: 960

This board works very well. The decode accuracy is better than any of the software engines that work with a soundcard (at least the ones I have tried). I was able to write a Visual Basic control program for the board and use it more often than the soundcard based programs. It's a good as my M-7000.

Brian Denley
http://home.comcast.net/~b.denley/index.html

961. Re: [nrd-525-535] BWC cfl-243W

Yahoo group: nrd-525-535
Date: 2005-05-02 02:03:34 UTC
From: charles bolland
Topic: 956 Message: 961

Correct me if I am wrong, but wasn't that function able to be upgrade
by replacing the EPROM? Which I did.

Chuck
----- Original Message -----
From: "Bjarne Mjelde" <bjarne.mjelde@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, April 24, 2005 21:27
Subject: Re: [nrd-525-535] BWC cfl-243W

>
> You did not specify which bandwidths and modes you were using. If I
> remember correctly, pre 56000-something models could use BWC only in
> SSB mode and only using the Inter filter.
>
> --
> From the world's northernmost DX-er
> Bjarne Mjelde, Berlevag, Arctic Norway
> www.kongsfjord.no
> blog: mjelde.blogspot.com
>
>
> On 4/24/05, koomako <kooss@...> wrote:
> >
> >
> > Hi best 535 experts,
> >
> > Recently I bought a NRD-535 (not D or DG) with serial 54774, I think
> > that is the first series. The set has a BWC unit built in. I seems to
> > me that this unit is not working properly, it just shifts the
> > frequency without narrowing (DSP plot of the audio response on PC).
> > I measured the frequency output at tp2 and tp3 of the BWC unit, which
> > seems to be OK (tp2 854998-856898 and tp3 854998-856098). Does anybody
> > have a clue where the problem is ???
> > The only thing I noticed is that the BWC board is marked as cfl-243W,
> > as I expected a cfl-243 for my serial number (maybe fitted in later?).
> > Is the 'W'compatible with my serial?
> >
> > any suggestion will be appreciated,
> >
> > thanks,
> > Koos
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> > Yahoo! Groups Links

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962. Re: [nrd-525-535] NRD 535 or 535 Exfender Board

Yahoo group: nrd-525-535
Date: 2005-05-02 02:05:20 UTC
From: charles bolland
Topic: 962 Message: 962

You should still be able to purchase an extender card from Universal, should you?

Chuck

----- Original Message -----
From: "Bill Marvin" <wmarvin@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, April 24, 2005 21:41
Subject: [nrd-525-535] NRD 535 or 535 Exfender Board

>
>
> I'm looking for the NRD Series Circuit Board Extender Board for
> troubleshooting.
>
> Many Thanks & Gud DX
>
> Bill
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> Yahoo! Groups Links
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963. Re: [nrd-525-535] BWC cfl-243W

Yahoo group: nrd-525-535
Date: 2005-04-25 12:49:31 UTC
From: gandalfg8@aol.com
Topic: 956 Message: 963

In a message dated 24/04/2005 20:10:22 GMT Daylight Time, kooss@...
writes:

Hi best 535 experts,

Recently I bought a NRD-535 (not D or DG) with serial 54774, I think
that is the first series. The set has a BWC unit built in. I seems to
me that this unit is not working properly, it just shifts the
frequency without narrowing (DSP plot of the audio response on PC).
I measured the frequency output at tp2 and tp3 of the BWC unit, which
seems to be OK (tp2 854998-856898 and tp3 854998-856098). Does anybody
have a clue where the problem is ???
The only thing I noticed is that the BWC board is marked as cfl-243W,
as I expected a cfl-243 for my serial number (maybe fitted in later?).
Is the 'W'compatible with my serial?

any suggestion will be appreciated,

thanks,
Koos

Hi Koos
I can't remember now where the cross over cam for the two versions but I use
the CFL-243W and think my serial # is similar or perhaps even less than
yours.
I can't be 100% sure right now as most of my gear is in storage.
This may be a silly question but, have you checked that the link JP1 on the
underside of the motherboard has been cut?
regards
Nigel
G8PZR

964. Re: [nrd-525-535] BWC cfl-243W

Yahoo group: nrd-525-535
Date: 2005-04-25 16:10:53 UTC
From: kooss
Topic: 956 Message: 964

Dear Chuck,

I have heard of an eprom upgrade, but have not been able to trace where to get it.
What's the origin of yours?

thanks,
koos

----- Original Message -----
From: charles bolland
To: nrd-525-535@yahoogroups.com
Sent: Monday, May 02, 2005 4:03 AM
Subject: Re: [nrd-525-535] BWC cfl-243W

Correct me if I am wrong, but wasn't that function able to be upgrade
by replacing the EPROM? Which I did.

Chuck
----- Original Message -----
From: "Bjarne Mjelde" <bjarne.mjelde@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, April 24, 2005 21:27
Subject: Re: [nrd-525-535] BWC cfl-243W

>
> You did not specify which bandwidths and modes you were using. If I
> remember correctly, pre 56000-something models could use BWC only in
> SSB mode and only using the Inter filter.
>
> --
> From the world's northernmost DX-er
> Bjarne Mjelde, Berlevag, Arctic Norway
> www.kongsfjord.no
> blog: mjelde.blogspot.com
>
>
> On 4/24/05, koomako <kooss@...> wrote:
> >
> >
> > Hi best 535 experts,
> >
> > Recently I bought a NRD-535 (not D or DG) with serial 54774, I think
> > that is the first series. The set has a BWC unit built in. I seems to
> > me that this unit is not working properly, it just shifts the
> > frequency without narrowing (DSP plot of the audio response on PC).
> > I measured the frequency output at tp2 and tp3 of the BWC unit, which

> > seems to be OK (tp2 854998-856898 and tp3 854998-856098). Does anybody
> > have a clue where the problem is ???
> > The only thing I noticed is that the BWC board is marked as cfl-243W,
> > as I expected a cfl-243 for my serial number (maybe fitted in later?).
> > Is the 'W'compatible with my serial?
> >
> > any suggestion will be appreciated,
> >
> > thanks,
> > Koos
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> > Yahoo! Groups Links
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Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

No virus found in this incoming message.
Checked by AVG Anti-Virus.
Version: 7.0.308 / Virus Database: 266.10.3 - Release Date: 25-04-2005

965. Wanted: NRD 525 Parts Unit or RF Tune Board

Yahoo group: nrd-525-535
Date: 2005-04-25 18:16:36 UTC
From: Bill Marvin
Topic: 965 Message: 965

Hi, I'm looking for a parts NRD 525 receiver. Cosmetics or Outside condition not important.

Very Gud Dx,

Bill

966. Re: [nrd-525-535] Wanted: NRD 525 Parts Unit or RF Tune Board

Yahoo group: nrd-525-535
Date: 2005-04-25 18:43:59 UTC
From: charles bolland
Topic: 965 Message: 966

What's your location?

Chuck

----- Original Message -----
From: "Bill Marvin" <wmarvin@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, April 25, 2005 19:16
Subject: [nrd-525-535] Wanted: NRD 525 Parts Unit or RF Tune Board

>
>
> Hi, I'm looking for a parts NRD 525 receiver. Cosmetics or Outside
> condition not important.
>
> Very Gud Dx,
>
> Bill
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> Yahoo! Groups Links
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967. Re: [nrd-525-535] BWC cfl-243W

Yahoo group: nrd-525-535
Date: 2005-04-25 16:14:28 UTC
From: kooss
Topic: 956 Message: 967

Thanks for your answer on the serial.
Yes, jp1 is cut i checked that.
There seems to bee a new eprom.
73's
Koos , PA2KS
----- Original Message -----
From: gandalfg8@...
To: nrd-525-535@yahoogroups.com
Sent: Monday, April 25, 2005 2:49 PM
Subject: Re: [nrd-525-535] BWC cfl-243W

In a message dated 24/04/2005 20:10:22 GMT Daylight Time, kooss@... writes:
Hi best 535 experts,

Recently I bought a NRD-535 (not D or DG) with serial 54774, I think
that is the first series. The set has a BWC unit built in. I seems to
me that this unit is not working properly, it just shifts the
frequency without narrowing (DSP plot of the audio response on PC).
I measured the frequency output at tp2 and tp3 of the BWC unit, which
seems to be OK (tp2 854998-856898 and tp3 854998-856098). Does anybody
have a clue where the problem is ???
The only thing I noticed is that the BWC board is marked as cfl-243W,
as I expected a cfl-243 for my serial number (maybe fitted in later?).
Is the 'W'compatible with my serial?

any suggestion will be appreciated,

thanks,
Koos

Hi Koos
I can't remember now where the cross over cam for the two versions but I use the CFL-243W and think my serial # is similar or perhaps even less than yours.
I can't be 100% sure right now as most of my gear is in storage.
This may be a silly question but, have you checked that the link JP1 on the underside of the motherboard has been cut?
regards
Nigel
G8PZR

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

No virus found in this incoming message.
Checked by AVG Anti-Virus.
Version: 7.0.308 / Virus Database: 266.10.3 - Release Date: 25-04-2005

968. Re: [nrd-525-535] BWC cfl-243W

Yahoo group: nrd-525-535
Date: 2005-04-26 23:11:17 UTC
From: Bill Cotter
Topic: 956 Message: 968
Attachments: 1 described; binary payloads are missing from this source WARC

Koos,

Someone on the list sent me the files for the latest EPROMs, but I
have no way to burn a couple for my two 535D's!

73 bill n4alg

At 12:10 PM 4/25/2005, you wrote:
>Dear Chuck,
>
>I have heard of an eprom upgrade, but have not been able to trace
>where to get it.
>What's the origin of yours?
>
>thanks,
>koos
>
>----- Original Message -----
>From: <mailto:ka4prf@...>charles bolland
>To: <mailto:nrd-525-535@yahoogroups.com>nrd-525-535@yahoogroups.com
>Sent: Monday, May 02, 2005 4:03 AM
>Subject: Re: [nrd-525-535] BWC cfl-243W
>
>Correct me if I am wrong, but wasn't that function able to be upgrade
>by replacing the EPROM? Which I did.
>
>
>Chuck

Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535
---

969. Can anyone burn the EPROMs for NRD-535D?

Yahoo group: nrd-525-535
Date: 2005-04-26 23:22:27 UTC
From: Bill Cotter
Topic: 956 Message: 969

HI,

Is there any one who can supply blank EPROMs and burn them with the
H-version code? I have the binaries, but no burner.....

Thanks es 73 bill n4alg

Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535
---

970. Re: [nrd-525-535] BWC cfl-243W

Yahoo group: nrd-525-535
Date: 2005-04-26 22:24:49 UTC
From: charles bolland
Topic: 956 Message: 970

Bill,

would it be possible for you to send the numbers to me? I'd like
to see what they look like? I can't burn an EPROM, but I
do some programming and I am curious.

Thanks

Chuck
ka4prf@...

----- Original Message -----
From: "Bill Cotter" <n4alg@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, April 27, 2005 00:11
Subject: Re: [nrd-525-535] BWC cfl-243W

> Koos,
>
> Someone on the list sent me the files for the latest EPROMs, but I
> have no way to burn a couple for my two 535D's!
>
> 73 bill n4alg
>
>
> At 12:10 PM 4/25/2005, you wrote:
> >Dear Chuck,
> >
> >I have heard of an eprom upgrade, but have not been able to trace
> >where to get it.
> >What's the origin of yours?
> >
> >thanks,
> >koos
> >
> >----- Original Message -----
> >From: <mailto:ka4prf@...>charles bolland
> >To: <mailto:nrd-525-535@yahoogroups.com>nrd-525-535@yahoogroups.com
> >Sent: Monday, May 02, 2005 4:03 AM
> >Subject: Re: [nrd-525-535] BWC cfl-243W
> >
> >Correct me if I am wrong, but wasn't that function able to be upgrade
> >by replacing the EPROM? Which I did.
> >
> >
> >Chuck

>
>
> ----------
> Bill Cotter, N4ALG E-mail: n4alg@...
> 173 Carolyn Lane Home: (859) 887-5563
> Nicholasville, KY 40356-9340 Work: (859) 323-6474
>
> ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535
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> Yahoo! Groups Links
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971. NRD535D Eproms

Yahoo group: nrd-525-535
Date: 2005-04-26 23:29:27 UTC
From: Hugh Shoemaker
Topic: 971 Message: 971

Bill,

Do you know what the new Eproms you reference are supposed to do ?

I have a programmer and, if the right Eprom can be found, probably could burn some.

Hugh, K4KIN

972. Re: NRD535D Eproms

Yahoo group: nrd-525-535
Date: 2005-04-27 02:17:42 UTC
From: Bill Marvin
Topic: 971 Message: 972

Hi Hugh,

I assume you are refering to the socketed IC3 on the logic board.

-- In nrd-525-535@yahoogroups.com, Hugh Shoemaker <hshoe007@c...>
wrote:
> Bill,
>
> Do you know what the new Eproms you reference are supposed to do ?
>
> I have a programmer and, if the right Eprom can be found, probably
could
> burn some.
>
> Hugh, K4KIN

973. NRD-535D EPROMs

Yahoo group: nrd-525-535
Date: 2005-04-27 02:21:03 UTC
From: Bill Cotter
Topic: 956 Message: 973
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Chuck,

Unfortunately, these are the binaries. However, if you are in
prison for a life sentence, and have a 80XX disassembler, you could
reverse engineer the source code, hi!!!!

73 Bill N4ALG

At 06:24 PM 4/26/2005, you wrote:

>Bill,
>
>would it be possible for you to send the numbers to me? I'd like
>to see what they look like? I can't burn an EPROM, but I
>do some programming and I am curious.
>
>Thanks
>
>Chuck
>ka4prf@...
>
>----- Original Message -----
>From: "Bill Cotter" <n4alg@...>
>To: <nrd-525-535@yahoogroups.com>
>Sent: Wednesday, April 27, 2005 00:11
>Subject: Re: [nrd-525-535] BWC cfl-243W
>
>
> > Koos,
> >
> > Someone on the list sent me the files for the latest EPROMs, but I
> > have no way to burn a couple for my two 535D's!
> >
> > 73 bill n4alg
> >
> >
> > At 12:10 PM 4/25/2005, you wrote:
> > >Dear Chuck,
> > >
> > >I have heard of an eprom upgrade, but have not been able to trace
> > >where to get it.
> > >What's the origin of yours?
> > >
> > >thanks,
> > >koos

> > >
> > >----- Original Message -----
> > >From: <mailto:ka4prf@...>charles bolland
> > >To:
> <mailto:nrd-525-535@yahoogroups.com>nrd-525-535@yahoogroups.com
> > >Sent: Monday, May 02, 2005 4:03 AM
> > >Subject: Re: [nrd-525-535] BWC cfl-243W
> > >
> > >Correct me if I am wrong, but wasn't that function able to be
> upgrade
> > >by replacing the EPROM? Which I did.
> > >
> > >
> > >Chuck
> >
> >
> > --
> > Bill Cotter, N4ALG E-mail: n4alg@...
> > 173 Carolyn Lane Home: (859) 887-5563
> > Nicholasville, KY 40356-9340 Work: (859) 323-6474
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> > ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535
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> > Yahoo! Groups Links
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Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535
----

974. Re: NRD535D Eproms

Yahoo group: nrd-525-535
Date: 2005-04-27 02:28:47 UTC
From: Bill Marvin
Topic: 971 Message: 974

OOOOOOOps, Accidently sent the message early and short. If IC3 is
the
EEPROM just peal off the masking label and the IC will have a part
type #........you will notice a window under the label.......this
allows ultraviolet erasing of the IC, can be reused but MUST be
earsed before programming it.
That type of EEPROM (old) is most likely obsolete and may prove
difficult to find but not impossible via a Internet search at part
suppliers.

I have a 535Db what is JRC's version code on the EEPROM label?

Gud Dx

Bill KB9IV

--- In nrd-525-535@yahoogroups.com, Hugh Shoemaker <hshoe007@c...>
wrote:
> Bill,
>
> Do you know what the new Eproms you reference are supposed to do ?
>
> I have a programmer and, if the right Eprom can be found, probably
could
> burn some.
>
> Hugh, K4KIN

975. Part Question 535D

Yahoo group: nrd-525-535
Date: 2005-04-27 02:45:13 UTC
From: Bill Marvin
Topic: 975 Message: 975

Hi Group.....I'm having a wonderful time repairing my 535D. Would anyone know a source for CD46-48 on the RF Tune Board. Part # type is a 1ss181 or TE 85L.....it's a SMD SOT-3 Dual Diode?

73,

Bill KB9IV

976. NRD535D EPROMS

Yahoo group: nrd-525-535
Date: 2005-04-27 13:30:28 UTC
From: Kees
Topic: 976 Message: 976

Hi Guys,

The EPROMS that are in the NRD535 are of a standard type, you can buy them anywhere (well not is a grocery store I guess, but ok).

Type: 27C256(-120) that last part is not necessary.
The one in the CPU unit is the same as the ont in the DISPLAY unit.
Off course NOT by content...

Look at my internetpages and see how to locate them.

http://members.home.nl/rita.kees/eprom.html

The contents of the IC's can be obtained by sending me a private email
The contents that you get is version H (a copy of my receivers EPROMS)

Good luck!

Kees

977. Re: Part Question 535D

Yahoo group: nrd-525-535
Date: 2005-04-27 17:20:11 UTC
From: caladonia5560
Topic: 975 Message: 977

Hi Bill,

Check out the Mouser Electronics website at www.mouser.com, when
1SS181 is searched, they list the BAW56 as a cross reference match.
The BAW56 is available for 15 cents each.

Les Layton
Las Vegas, NV

--- In nrd-525-535@yahoogroups.com, "Bill Marvin" <wmarvin@h...> wrote:
>
> Hi Group.....I'm having a wonderful time repairing my 535D. Would
> anyone know a source for CD46-48 on the RF Tune Board. Part # type is
> a 1ss181 or TE 85L.....it's a SMD SOT-3 Dual Diode?
>
> 73,
>
> Bill KB9IV

979. pricing my NRD-535D

Yahoo group: nrd-525-535
Date: 2005-05-03 15:54:29 UTC
From: David F. Reed
Topic: 979 Message: 979

Folks,

I have a very clean NRD-535D that I am thinking about selling; I would like to get a reasonable amount for it (reasonable for both the buyer and me), but really don't know what that might be.

Any ideas of what that pricing might be would be appreciated. Once decided, I would intend to post it here (if that is acceptable) before trying ebay and paths like that.

Thanks in advance.

--Dave, W5SV+

980. Anatomy of a Repair 535Db (Long)

Yahoo group: nrd-525-535
Date: 2005-05-06 00:21:26 UTC
From: Bill Marvin
Topic: 980 Message: 980

Hi Group,

Well I have my first JRC receiver repair under my belt, the problem?

At 799KHz sensitivity fine.....800 KHz-1200 KHz deaf. As it turns out the 535 and 535 are very simular with regards to the RF Tune Boards so the 525 Service Manual in the "Files" section were great.

I called "Universal Radio" to see if they had an extension board but no luck. As it turns out I was able to access the RF Tune Brds IC1 inputs from the logic board at the bottom motherboard (3).

I monitored the DC levels changing as I changed Frequency Bands and subbands against the logic table for the IC1 D/A converter inputs. The subband 2 levels were at 1VDC not 5VDC when switched. I unplugged the RF Tune Board and checked the levels again powered up and they went to normal.....whew!! At least the logic board wasn't bad.

I ordered the common IC from DigiKey, replace U1 on the RF Tune board and it is perfect. If anyone is having a simular problem drop me a email and I'll walk you through the problem.

Many Thanks to the suggestions for parts vendors and part types.

Great DX,

Bill KB9IV

981. Re: [nrd-525-535] WTB: NVA-319 speaker

Yahoo group: nrd-525-535
Date: 2005-05-08 18:15:12 UTC
From: Bill Cotter
Topic: 902 Message: 981

Did you ever find the speaker? If not, I have one for sale at $90

tnx es 73 bill n4alg

At 09:00 AM 3/1/2005, you wrote:

>I'm looking for a JRC NVA-319 external speaker. Please state
>condition and asking price.
>
>Tnx,
>
>Mike
>
>
>
>
>
>
>Yahoo! Groups Links
>
>
>
>

Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535
---

982. Re: [nrd-525-535] WTB: NVA-319 speaker

Yahoo group: nrd-525-535
Date: 2005-05-09 17:30:37 UTC
From: Tony White
Topic: 902 Message: 982

Bill,

If he doesn't speak up for that (pardon the pun), I will...!
----- Original Message -----
From: Bill Cotter
To: nrd-525-535@yahoogroups.com
Sent: Sunday, May 08, 2005 1:15 PM
Subject: Re: [nrd-525-535] WTB: NVA-319 speaker

Did you ever find the speaker? If not, I have one for sale at $90

tnx es 73 bill n4alg

At 09:00 AM 3/1/2005, you wrote:

>I'm looking for a JRC NVA-319 external speaker. Please state
>condition and asking price.
>
>Tnx,
>
>Mike
>
>
>
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>
>Yahoo! Groups Links
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>

Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

983. Re: Connection

Yahoo group: nrd-525-535
Date: 2005-05-11 08:40:49 UTC
From: Ari Kilponen
Topic: 935 Message: 983

Once I had a similar problem with a 535. I succeeded in isolating the fault into components of motherboard, but no more as I don't have any technical experience. Anyway, you should check the first components of the signal path. If you can access another similar receiver, replace each unit card one by one, trying to find out whether any unit is defect. If yes, just replace the faulty unit with a new one. All units replaced from another receiver and no change in signal: problem in m/b components.

--- In nrd-525-535@yahoogroups.com, "jim franey" <suburude@c...> wrote:
> I am getting very little out of the 50 ohm connection and a little
> better out of the wire ant. Connection. But I am getting a little but
it
> definitely is not working correctly. Thanks! Jim

984. NRD-525 modifications

Yahoo group: nrd-525-535
Date: 2005-05-15 19:24:16 UTC
From: christophe525
Topic: 984 Message: 984

New menus at this page:

http://perso.wanadoo.fr/geip/modifs.htm

15 may 2005

985. Re: Tuning rate

Yahoo group: nrd-525-535
Date: 2005-05-18 21:22:06 UTC
From: pjxii
Topic: 861 Message: 985

--- In nrd-525-535@yahoogroups.com, "John Reed" <jreed@a...> wrote:
>
> ----- Original Message -----
> From: "jim franey" <suburude@c...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Saturday, January 22, 2005 1:14 PM
> Subject: RE: [nrd-525-535] Tuning rate
>
> One reason may be that the 525 has a PLL (phase lock loop)
synthesizer. On
> the 535 JRC went to a new design that uses DDS (direct digital
synthesis).
> It looks like the new 535 synthesizer has more phase noise than the
older
> 525 version. In the RDI White Paper reviews, the 525 phase noise
> measurement is given as -120 dBc - Excellent, while the 535 has a
rating
> of -117 dBc - Good. The 525 is a better receiver in this
catagory. I think
> that the 525 is actually a better receiver overall.

Hi, I'm new to the group, but not to HF radio. I was wondering if
you could explain why you feel the 525 is better overall than the 535.
I am looking to pick up one of these two fine receivers, and would
appreciate your opinion of them. Thanks!
>
> John Reed
> > I really like it ! I have a 535D which seems much noisier? Than
the 525?
> > Other than the ECSS and BWC I find it as good in all repects. Why
are
> > they quieter?
> >
> > Yours Jim
> >
> >
> > -----Original Message-----
> > From: Kenneth Wilson [mailto:kg4big@y...]
> > Sent: Saturday, January 22, 2005 7:44 AM
> > To: nrd-525-535@yahoogroups.com
> > Subject: Re: [nrd-525-535] Tuning rate
> >
> >
> > Hi Jim,
> >

> > When you press the RUN buttom it changes.
> >
> > What do you think of your 525?
> >
> > 73, Ken
> >
> > --- jim franey <suburude@c...> wrote:
> >
> >> HI Guys! Question? I am trying to figure out how to
> >> change the tuning
> >> rate on my newly acquired 525. I think I am not
> >> getting something here
> >> in the manual? Thanks! Jim
> >>
> >>
> >
> >
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> >
> > _____
> > Do you Yahoo!?
> > Yahoo! Mail - 250MB free storage. Do more. Manage less.
> > http://info.mail.yahoo.com/mail_250
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> > Yahoo! Groups Links
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> > Yahoo! Groups Links
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986. Re: Tuning rate

Yahoo group: nrd-525-535
Date: 2005-05-18 21:22:50 UTC
From: pjxii
Topic: 861 Message: 986

--- In nrd-525-535@yahoogroups.com, "John Reed" <jreed@a...> wrote:
>
> ----- Original Message -----
> From: "jim franey" <suburude@c...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Saturday, January 22, 2005 1:14 PM
> Subject: RE: [nrd-525-535] Tuning rate
>
> One reason may be that the 525 has a PLL (phase lock loop)
synthesizer. On
> the 535 JRC went to a new design that uses DDS (direct digital
synthesis).
> It looks like the new 535 synthesizer has more phase noise than the
older
> 525 version. In the RDI White Paper reviews, the 525 phase noise
> measurement is given as -120 dBc - Excellent, while the 535 has a
rating
> of -117 dBc - Good. The 525 is a better receiver in this
catagory. I think
> that the 525 is actually a better receiver overall.

Hi, I'm new to the group, but not to HF radio. I was wondering if
you could explain why you feel the 525 is better overall than the 535.
I am looking to pick up one of these two fine receivers, and would
appreciate your opinion of them. Thanks!
>
> John Reed
> > I really like it ! I have a 535D which seems much noisier? Than
the 525?
> > Other than the ECSS and BWC I find it as good in all repects. Why
are
> > they quieter?
> >
> > Yours Jim
> >
> >
> > -----Original Message-----
> > From: Kenneth Wilson [mailto:kg4big@y...]
> > Sent: Saturday, January 22, 2005 7:44 AM
> > To: nrd-525-535@yahoogroups.com
> > Subject: Re: [nrd-525-535] Tuning rate
> >
> >
> > Hi Jim,
> >

> > When you press the RUN buttom it changes.
> >
> > What do you think of your 525?
> >
> > 73, Ken
> >
> > --- jim franey <suburude@c...> wrote:
> >
> >> HI Guys! Question? I am trying to figure out how to
> >> change the tuning
> >> rate on my newly acquired 525. I think I am not
> >> getting something here
> >> in the manual? Thanks! Jim
> >>
> >>
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> >
> > _____
> > Do you Yahoo!?
> > Yahoo! Mail - 250MB free storage. Do more. Manage less.
> > http://info.mail.yahoo.com/mail_250
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> > Yahoo! Groups Links
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> > Yahoo! Groups Links
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987. Re: Tuning rate

Yahoo group: nrd-525-535
Date: 2005-05-18 21:22:23 UTC
From: pjxii
Topic: 861 Message: 987

--- In nrd-525-535@yahoogroups.com, "John Reed" <jreed@a...> wrote:
>
> ----- Original Message -----
> From: "jim franey" <suburude@c...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Saturday, January 22, 2005 1:14 PM
> Subject: RE: [nrd-525-535] Tuning rate
>
> One reason may be that the 525 has a PLL (phase lock loop)
synthesizer. On
> the 535 JRC went to a new design that uses DDS (direct digital
synthesis).
> It looks like the new 535 synthesizer has more phase noise than the
older
> 525 version. In the RDI White Paper reviews, the 525 phase noise
> measurement is given as -120 dBc - Excellent, while the 535 has a
rating
> of -117 dBc - Good. The 525 is a better receiver in this
catagory. I think
> that the 525 is actually a better receiver overall.

Hi, I'm new to the group, but not to HF radio. I was wondering if
you could explain why you feel the 525 is better overall than the 535.
I am looking to pick up one of these two fine receivers, and would
appreciate your opinion of them. Thanks!
>
> John Reed
> > I really like it ! I have a 535D which seems much noisier? Than
the 525?
> > Other than the ECSS and BWC I find it as good in all repects. Why
are
> > they quieter?
> >
> > Yours Jim
> >
> >
> > -----Original Message-----
> > From: Kenneth Wilson [mailto:kg4big@y...]
> > Sent: Saturday, January 22, 2005 7:44 AM
> > To: nrd-525-535@yahoogroups.com
> > Subject: Re: [nrd-525-535] Tuning rate
> >
> >
> > Hi Jim,
> >

> > When you press the RUN buttom it changes.
> >
> > What do you think of your 525?
> >
> > 73, Ken
> >
> > --- jim franey <suburude@c...> wrote:
> >
> >> HI Guys! Question? I am trying to figure out how to
> >> change the tuning
> >> rate on my newly acquired 525. I think I am not
> >> getting something here
> >> in the manual? Thanks! Jim
> >>
> >>
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> >
> > _____
> > Do you Yahoo!?
> > Yahoo! Mail - 250MB free storage. Do more. Manage less.
> > http://info.mail.yahoo.com/mail_250
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> > Yahoo! Groups Links
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> > Yahoo! Groups Links
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988. Re: [nrd-525-535] 525 Vs 535

Yahoo group: nrd-525-535
Date: 2005-05-19 13:48:02 UTC
From: John Reed
Topic: 988 Message: 988

----- Original Message -----
From: "pjxii" <pjxii@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, May 18, 2005 3:22 PM
Subject: [nrd-525-535] Re: Tuning rate

I think the best way to compare two receivers is to look at the lab measurements, preferably done by the same lab. So, by the numbers, here are some comparisons of the 525 and 535 from the RDI White Papers. The lab work was done by Sherwood Engineering.

Ultimate rejection measures the rejection of the IF filters to a strong signal out of band:
Wide filter: 525 -65 dB, 535 -70 dB
535 is somewhat better here, but there is a fix for the 525 from Kiwa electronics

Dynamic range, 5 KHz: 525: 69 to 72 dB, 535 -65 to 75 dB. More than one receiver was checked, the measurements are roughly the same from the 525 to 535. Since the front ends are nearly identical, this is to be expected.
Dynamic range, 20 KHz 525: 91 dB 535: phase noise limited. Here you can see an indication of the difference in the two receivers. In going from the 525 to 535 JRC went from phase lock loop synthesis to direct digital synthesis. In the 535 there is more phase noise, and it shows up in this measurement, and in the two that follow.

Blocking: This measures how well a receiver can receive a weak signal in the presence of a strong signal.
525: 123 dB, 535: 114 dB. The 525 is almost 10 dB better.

Phase noise: Measures the phase noise of the synthesizer. 525: -120 dBc, 535: -117 dBc. Here again the phase noise shows up in this measurement.

Other measurements such as sensitivity will be roughly the same, since the front ends are nearly identical.

That's about all I can tell you about these two receivers.

John Reed

989. NRD 525 Com Rec. with Kiwa Map For Sale

Yahoo group: nrd-525-535
Date: 2005-05-19 21:52:42 UTC
From: jim franey
Topic: 989 Message: 989

I have a very very clean NRD 525 . Operates perfectly in all modes. It
is hooked up via theKiwa Map pick up to the second Map pick up position.
For ecss reception. Could be moved easily to first audio position. The
Kiwa Map is in perfect operating condition and about 95% Cosmetic cond.
It comes with the Original Manual and Map pick up. Not many of these
around for sale!
Pics available on request. I want $1100 for both + ship.

990. NRD525 site: new update

Yahoo group: nrd-525-535
Date: 2005-05-21 19:15:24 UTC
From: christophe525
Topic: 990 Message: 990

```
may, 21 2005 - NEW UPDATE
-------------------------

http://perso.wanadoo.fr/geip/filtres.htm (filters page)
http://perso.wanadoo.fr/geip/Present.htm (see options)

73,
Christophe
```

991. Re: 525 Vs 535

Yahoo group: nrd-525-535
Date: 2005-05-24 00:02:35 UTC
From: pjxii
Topic: 988 Message: 991

--- In nrd-525-535@yahoogroups.com, "John Reed" <jreed@a...> wrote:
>
> ----- Original Message -----
> From: "pjxii" <pjxii@y...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Wednesday, May 18, 2005 3:22 PM
> Subject: [nrd-525-535] Re: Tuning rate
>
> I think the best way to compare two receivers is to look at the lab
> measurements, preferably done by the same lab. So, by the numbers,
here are
> some comparisons of the 525 and 535 from the RDI White Papers. The
lab work
> was done by Sherwood Engineering.
>

Thanks, John, this does make a difference. The blocking figure is
most impressive in the comparison, in an area of great importance to
me.

> Ultimate rejection measures the rejection of the IF filters to a
strong
> signal out of band:
> Wide filter: 525 -65 dB, 535 -70 dB
> 535 is somewhat better here, but there is a fix for the 525 from
Kiwa
> electronics
>
> Dynamic range, 5 KHz: 525: 69 to 72 dB, 535 -65 to 75 dB. More
than one
> receiver was checked, the measurements are roughly the same from
the 525 to
> 535. Since the front ends are nearly identical, this is to be
expected.
> Dynamic range, 20 KHz 525: 91 dB 535: phase noise limited. Here
you can
> see an indication of the difference in the two receivers. In going
from the
> 525 to 535 JRC went from phase lock loop synthesis to direct
digital
> synthesis. In the 535 there is more phase noise, and it shows up
in this
> measurement, and in the two that follow.
>
> Blocking: This measures how well a receiver can receive a weak

signal in
> the presence of a strong signal.
> 525: 123 dB, 535: 114 dB. The 525 is almost 10 dB better.
>
> Phase noise: Measures the phase noise of the synthesizer. 525: -
120 dBc,
> 535: -117 dBc. Here again the phase noise shows up in this
measurement.
>
> Other measurements such as sensitivity will be roughly the same,
since the
> front ends are nearly identical.
>
> That's about all I can tell you about these two receivers.
>
> John Reed

992. Re: NRD-525 modifications

Yahoo group: nrd-525-535
Date: 2005-05-24 21:08:54 UTC
From: pjxii
Topic: 984 Message: 992

--- In nrd-525-535@yahoogroups.com, "christophe525" <QRV@w...> wrote:
> New menus at this page:
>
> http://perso.wanadoo.fr/geip/modifs.htm
>
> 15 may 2005

Is there an English version?

993. Re: NRD-525 modifications

Yahoo group: nrd-525-535
Date: 2005-05-24 21:09:11 UTC
From: pjxii
Topic: 984 Message: 993

--- In nrd-525-535@yahoogroups.com, "christophe525" <QRV@w...> wrote:
> New menus at this page:
>
> http://perso.wanadoo.fr/geip/modifs.htm
>
> 15 may 2005

Is there an English version?

994. Re: BWC cfl-243W

Yahoo group: nrd-525-535
Date: 2005-05-28 11:49:35 UTC
From: Bob Wilkinson
Topic: 956 Message: 994

> In a message dated 24/04/2005 20:10:22 GMT Daylight Time,
kooss@t...
> writes:
>
>It seems to me that this unit is not working properly, it just
shifts the frequency without narrowing (DSP plot of the audio
response
on PC).

Hi Koos,

Not sure what you are using to make the measurements with, but there are quite a few programmes available that turn your PC in an audio spectrum analyzer that will enable fairly precise measurement of this type to be made. Am a member of an Elecraft kit radio user group and the programme recommended for this purpose was Spectrogram. Up to version 5.17 this was freeware and is still available for download from various sources. There should be links to enable this from the Elecraft company web site: http://www.elecraft.com This programme works best with a wideband RF noise source injected into the receiver antenna and one is available as a kit from Elecraft or build your own as I did.

Find the programme works like magic to find out exactly what the filters in a receiver actually do.

Regards,
Bob, G3VVT
JRC: NSD515/NRD515 & JST135

995. Re: [nrd-525-535] Re: BWC cfl-243W

Yahoo group: nrd-525-535
Date: 2005-05-28 14:46:44 UTC
From: kooss
Topic: 956 Message: 995

Hi Bob,

Tnx for your answer. I used the program Spectran (version2) which is a dsp filter with spectrum analyzer. Also a freeware program.

By the way my problem is solved with a new set of eeproms. My 535 had software version D, which turned out not to be compatible with the newer cfl-243W card. The former owner of the receiver never noticed the problem ??
Now I have the H-software version and all works fine, also the rs232 connection, which was problematic, is now working ok.
73's
Koos, PA2KS

----- Original Message -----
From: Bob Wilkinson
To: nrd-525-535@yahoogroups.com
Sent: Saturday, May 28, 2005 1:49 PM
Subject: [nrd-525-535] Re: BWC cfl-243W

> In a message dated 24/04/2005 20:10:22 GMT Daylight Time,
kooss@t...
> writes:
>
>It seems to me that this unit is not working properly, it just
shifts the frequency without narrowing (DSP plot of the audio
response
on PC).

Hi Koos,

Not sure what you are using to make the measurements with, but there are quite a few programmes available that turn your PC in an audio spectrum analyzer that will enable fairly precise measurement of this type to be made. Am a member of an Elecraft kit radio user group and the programme recommended for this purpose was Spectrogram. Up to version 5.17 this was freeware and is still available for download from various sources. There should be links to enable this from the Elecraft company web site: http://www.elecraft.com This programme works best with a wideband RF noise source injected into the receiver antenna and one is available as a kit from Elecraft or build your own as I did.

Find the programme works like magic to find out exactly what the filters in a receiver actually do.

Regards,
Bob, G3VVT

JRC: NSD515/NRD515 & JST135

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

No virus found in this incoming message.
Checked by AVG Anti-Virus.
Version: 7.0.322 / Virus Database: 267.2.0 - Release Date: 27-05-2005

997. WTB: NRD-535D receiver

Yahoo group: nrd-525-535
Date: 2005-05-31 00:46:26 UTC
From: n6nvg
Topic: 997 Message: 997

Hello all:

I am new to the group and would like to purchase an NRD-535D receiver in pristine condition. Prefer a high serial number and one in stock, unmodified condition. Would like to also purchase an original service manual and not a photocopy. Any help would be appreciated.

Thanks!

Rick N6NVG

sakrak@...

998. Wanted NRD 535

Yahoo group: nrd-525-535
Date: 2005-06-16 17:08:51 UTC
From: countryontime
Topic: 998 Message: 998

Hi Folks
I just looking for an NRD 535 to buy
is any available?

Thanks

Yiannis
WWCM RADIO BROADCASTING NETWORK
www.countryontime.com
Athens
Greece

999. Re: [nrd-525-535] Wanted NRD 535

Yahoo group: nrd-525-535
Date: 2005-06-16 17:11:58 UTC
From: Tony White
Topic: 998 Message: 999

Yiannis,

I have one available for sale. It's a high-serial number model in excellent condition. I'm in the US, so shipping may be an issue; I'm asking US$700 plus shipping.

regards,

twhite
----- Original Message -----
From: countryontime
To: nrd-525-535@yahoogroups.com
Sent: Thursday, June 16, 2005 12:08 PM
Subject: [nrd-525-535] Wanted NRD 535

Hi Folks
I just looking for an NRD 535 to buy
is any available?

Thanks

Yiannis
WWCM RADIO BROADCASTING NETWORK
www.countryontime.com
Athens
Greece

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

1000. Re: [nrd-525-535] Wanted NRD 535

Yahoo group: nrd-525-535
Date: 2005-06-16 17:42:36 UTC
From: yiannis panagiotakis
Topic: 998 Message: 1000

Hi
Thanks for your reply
do you know how much is the shipping cost with UPS "5 days delivery"?
zip code here is 18120

Thanks

Tony White <twhite@...> wrote:
Yiannis,

I have one available for sale. It's a high-serial number model in excellent condition. I'm in the US, so shipping may be an issue; I'm asking US$700 plus shipping.

regards,

twhite
----- Original Message -----
From: countryontime
To: nrd-525-535@yahoogroups.com
Sent: Thursday, June 16, 2005 12:08 PM
Subject: [nrd-525-535] Wanted NRD 535

Hi Folks
I just looking for an NRD 535 to buy
is any available?

Thanks

Yiannis
WWCM RADIO BROADCASTING NETWORK
www.countryontime.com
Athens
Greece

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Yahoo! Mail Mobile
Take Yahoo! Mail with you! Check email on your mobile phone.

1001. Re: [nrd-525-535] Wanted NRD 535

Yahoo group: nrd-525-535
Date: 2005-06-16 17:53:45 UTC
From: Tony White
Topic: 998 Message: 1001

Yiannis,

Sorry; I thought you were in Greece. :)

I'll be happy to figure it out. I'd prefer to use a shipper other than UPS, though. I prefer DHL. If that's acceptable to you, then I'll get a quote for you.

regards,

twhite
----- Original Message -----
From: yiannis panagiotakis
To: nrd-525-535@yahoogroups.com
Sent: Thursday, June 16, 2005 12:42 PM
Subject: Re: [nrd-525-535] Wanted NRD 535

Hi
Thanks for your reply
do you know how much is the shipping cost with UPS "5 days delivery"?
zip code here is 18120

Thanks

Tony White <twhite@...> wrote:
Yiannis,

I have one available for sale. It's a high-serial number model in excellent condition. I'm in the US, so shipping may be an issue; I'm asking US$700 plus shipping.

regards,

twhite
----- Original Message -----
From: countryontime
To: nrd-525-535@yahoogroups.com
Sent: Thursday, June 16, 2005 12:08 PM
Subject: [nrd-525-535] Wanted NRD 535

Hi Folks
I just looking for an NRD 535 to buy
is any available?

Thanks

Yiannis
WWCM RADIO BROADCASTING NETWORK
www.countryontime.com
Athens

Greece

Yahoo! Mail Mobile
Take Yahoo! Mail with you! Check email on your mobile phone.

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

1003. Re: [nrd-525-535] Wanted NRD 535

Yahoo group: nrd-525-535
Date: 2005-06-17 21:20:00 UTC
From: Tony White
Topic: 998 Message: 1003

Yiannis,

Did you receive my last email, sent to you directly? I received no reply. I'm going to put this radio on eBay if you don't commit to buy it before Sunday.

regards,

twhite
----- Original Message -----
From: yiannis panagiotakis
To: nrd-525-535@yahoogroups.com
Sent: Thursday, June 16, 2005 12:42 PM
Subject: Re: [nrd-525-535] Wanted NRD 535

Hi
Thanks for your reply
do you know how much is the shipping cost with UPS "5 days delivery"?
zip code here is 18120

Thanks

Tony White <twhite@...> wrote:
Yiannis,

I have one available for sale. It's a high-serial number model in excellent condition. I'm in the US, so shipping may be an issue; I'm asking US$700 plus shipping.

regards,

twhite
----- Original Message -----
From: countryontime
To: nrd-525-535@yahoogroups.com
Sent: Thursday, June 16, 2005 12:08 PM
Subject: [nrd-525-535] Wanted NRD 535

Hi Folks
I just looking for an NRD 535 to buy
is any available?

Thanks

Yiannis
WWCM RADIO BROADCASTING NETWORK
www.countryontime.com
Athens
Greece

Yahoo! Mail Mobile
Take Yahoo! Mail with you! Check email on your mobile phone.

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

1004. NRD-535D DC power plug or power cord

Yahoo group: nrd-525-535
Date: 2005-06-26 21:40:01 UTC
From: jon scott
Topic: 1004 Message: 1004

Good Afternoon,

Does anyone know what the universal plug name/identifier for the DC power plug on an NRD-535D? I purchased a used receiver in beautiful and would like to fabricate the DC power cable.

Thanks!

Jon Scott

1005. Re: [nrd-525-535] NRD-535D DC power plug or power cord

Yahoo group: nrd-525-535
Date: 2005-06-28 06:32:22 UTC
From: John Dokulil
Topic: 1004 Message: 1005

Jon:

My NRD 535-D Service Manual shows the 13.8 volt DC Power
Connector Plug as "J21" and is listed as below...

PART NAME - Jack, TYPE - S-I0814#01, CODE - 5ZZEG00003"

NOTE:
As per stated in the NRD 535-D User Instruction Manual on page 16...
"IF you do NOT use the DC Power Cable that is supplied with the
Receiver, PLEASE be sure to use a 3A fuse in the positive line in
order to protect the receiver."

Sorry, That's all I could find

John Dokulil

----- Original Message -----
From: jon scott
To: nrd-525-535@yahoogroups.com
Sent: Sunday, June 26, 2005 2:40 PM
Subject: [nrd-525-535] NRD-535D DC power plug or power cord

Good Afternoon,

Does anyone know what the universal plug name/identifier for the DC power plug on an NRD-535D? I purchased a used receiver in beautiful and would like to fabricate the DC power cable.

Thanks!

Jon Scott

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/nrd-525-535/

b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

1006. firmware update for NRD-535

Yahoo group: nrd-525-535
Date: 2005-07-18 14:39:01 UTC
From: dslesh53
Topic: 1006 Message: 1006

Hello Group,
I wanted to say hello...i am a new member as well as a new owner
of a very nice NRD-525. Firstly, I would like to thank the group for
making available the '525 service manual. It has been a lifesaver for
maintenance and repair. Now my question.
I am aware that new application software is available for
the '525 that add features such as additional dial tuning rates. How
do I get a copy of the new eprom??

Regards,
Dave Lesh
KB1IBE
dslesh@...

1007. NRD525 site: 21 july - new update

Yahoo group: nrd-525-535
Date: 2005-07-21 16:45:05 UTC
From: christophe525
Topic: 1007 Message: 1007

English page:
http://perso.wanadoo.fr/geip/NRD525En.htm

English V1.5 CPU EPROM page:
http://perso.wanadoo.fr/geip/V15En.htm

73,
Christophe.
http://perso.wanadoo.fr/geip/NRD525.htm

1008. RxPlus: Great review in Monitoring Times ! and New Version (1.82)

Yahoo group: nrd-525-535
Date: 2005-07-23 22:59:01 UTC
From: Noel Bouchard
Topic: 1008 Message: 1008

Hello all !

Just a short word to say that a new version of RxPlus is now
available. This is version 1.82 with the following changes and improvement
since the last release.

- Bug fix that prevented the program from starting on some Windows XP
SP2 setups.
(If the program did not start before please try this new version ...)

- A new Live Chat feature ! Chat and exchange frequencies with other
online users ...
- Improved Noise Reduction filters
- Better RTTY decoding.
- Some cosmetic changes and small bug fixes.

You can get the full version from my site at:
http://www.cam.org/~noelbou/RxPlus/

+--+
Review of RxPlus in Monitoring Time August 2005
+--+

RxPlus has received a GREAT review by Monitoring Times'
John Catalano, writer of the Computers & Radio" column.

Listen to this ....:

"... after using RxPlus it has become my standard shortwave monitoring
program
against which all else will be judged."

John Catalano, MT
+--+

Noel Bouchard
RxPlus Developer.

--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.323 / Virus Database: 267.9.2/55 - Release Date: 07/21/2005

1009. SFM ?

Yahoo group: nrd-525-535
Date: 2005-07-25 21:22:06 UTC
From: cbocb
Topic: 1009 Message: 1009

http://perso.wanadoo.fr/geip/CFH36modEn.htm
What is SFM mode ?

1010. Re: [nrd-525-535] SFM ?

Yahoo group: nrd-525-535
Date: 2005-07-26 02:50:11 UTC
From: Brian Denley
Topic: 1009 Message: 1010

cbocb wrote:
> http://perso.wanadoo.fr/geip/CFH36modEn.htm
> What is SFM mode ?
>
>
>
>
>
> Yahoo! Groups Links
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>

Super narrow band FM

Brian Denley
http://home.comcast.net/~b.denley/index.html

1011. Re: [nrd-525-535] NRD525 site: 21 july - new update

Yahoo group: nrd-525-535
Date: 2005-07-28 23:43:56 UTC
From: David S. Lesh
Topic: 1007 Message: 1011

Dear Christophe,

Thankyou for responding to my inquiry! If I would like to pay by
PayPal, how would I go about it?

Regards,
Dave Lesh
KB1IBE
dslesh@...

----- Original Message -----
From: "christophe525" <QRV@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Thursday, July 21, 2005 12:45 PM
Subject: [nrd-525-535] NRD525 site: 21 july - new update

> English page:
> http://perso.wanadoo.fr/geip/NRD525En.htm
>
> English V1.5 CPU EPROM page:
> http://perso.wanadoo.fr/geip/V15En.htm
>
> 73,
> Christophe.
> http://perso.wanadoo.fr/geip/NRD525.htm
>
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> Yahoo! Groups Links
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1012. NRD-525 V1.5 firmware

Yahoo group: nrd-525-535
Date: 2005-07-31 14:29:11 UTC
From: David S. Lesh
Topic: 1012 Message: 1012

Hello Group,

I have been thinking seriously of purchasing Christophe's new version 1.5 firmware. Has anyone already installed it? Does anyone have any comments regarding receiver performance after modification? I am interested to hear your comments!

Thank you
Dave Lesh
dslesh53

1013. Re: NRD-525 V1.5 firmware

Yahoo group: nrd-525-535
Date: 2005-08-01 02:20:15 UTC
From: DAVID
Topic: 1012 Message: 1013

--- In nrd-525-535@yahoogroups.com, "David S. Lesh" <dslesh@e...> wrote:
> Hello Group,
>
> I have been thinking seriously of purchasing Christophe's new
version 1.5 firmware. Has anyone already installed it? Does anyone have
any comments regarding receiver performance after modification? I am
interested to hear your comments!
>
>
> Thank you
> Dave Lesh
> dslesh53

I have purchased the 1.5 firmware and the RS232 board and
installed both. I am very pleased with their operation.

Dave

1014. Re: NRD-525 V1.5 firmware

Yahoo group: nrd-525-535
Date: 2005-08-05 10:57:17 UTC
From: cbocb
Topic: 1012 Message: 1014

I have a v1.5 cpu eprom version. There is no problem and it's a
pleasure to use 5 if filters and some tuning steps.
Regards.

--- In nrd-525-535@yahoogroups.com, "David S. Lesh" <dslesh@e...> wrote:
> Hello Group,
>
> I have been thinking seriously of purchasing Christophe's new
version 1.5 firmware. Has anyone already installed it? Does anyone have
any comments regarding receiver performance after modification? I am
interested to hear your comments!
>
>
> Thank you
> Dave Lesh
> dslesh53

1015. RS232 interface

Yahoo group: nrd-525-535
Date: 2005-08-28 03:07:52 UTC
From: Jerry
Topic: 1015 Message: 1015

New to the group, but have happily owned a 525 for some 5 plus years now and very happy with the unit.

However, I would like to hook it up to the computer and can't find any place to purchase the card to do so.

Any ideas?

Thanks,

Jake

1016. Re: [nrd-525-535] RS232 interface

Yahoo group: nrd-525-535
Date: 2005-08-28 03:53:07 UTC
From: William H. Bowen
Topic: 1015 Message: 1016

Jake,

Finding one of the original JRC RS-232
boards is darn near impossible. However,
there is an alternative - check out this web
iste:

http://perso.wanadoo.fr/geip/NRD525En.htm

This gentleman, who is located in France,
sells an RS-232 board that mounts in an
manner identical to the JRC board and
works the same as well. Only difference is
the connector for the external cable is not
the circular JRC connector.

A couple of the guys in the group have used
this board (and the improved CPU firmware
EPROM) with good results.

Regards,
Bill Bowen
Sacramento, CA

To: nrd-525-535@yahoogroups.com
From: "Jerry" <jakeg7258@...>
Date sent: Sun, 28 Aug 2005 03:07:52 -0000
Subject: [nrd-525-535] RS232 interface
Send reply to: nrd-525-535@yahoogroups.com

> New to the group, but have happily owned a 525 for some 5 plus years
> now and very happy with the unit.
>
> However, I would like to hook it up to the computer and can't find any
> place to purchase the card to do so.
>
> Any ideas?
>
> Thanks,
>
>
> Jake
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> Yahoo! Groups Links
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> --
> No virus found in this incoming message.
> Checked by AVG Anti-Virus.
> Version: 7.0.344 / Virus Database: 267.10.16/83 - Release Date: 8/26/2005
>

1017. Re: RS232 interface

Yahoo group: nrd-525-535
Date: 2005-08-28 04:30:48 UTC
From: Jerry
Topic: 1015 Message: 1017

I just found his site while looking on the posts. Sorry for the
bother. I will e mail him for prices and so on.

Bye the way... I also have an R70 from around the same mfg time.
Both are as good as the current crop, as far as I'm concerned.

Work very well here In Los Angeles.

Thanks.

Jake

--- In nrd-525-535@yahoogroups.com, "William H. Bowen" <bowenw@w...>
wrote:
> Jake,
>
> Finding one of the original JRC RS-232
> boards is darn near impossible. However,
> there is an alternative - check out this web
> iste:
>
> http://perso.wanadoo.fr/geip/NRD525En.htm
>
> This gentleman, who is located in France,
> sells an RS-232 board that mounts in an
> manner identical to the JRC board and
> works the same as well. Only difference is
> the connector for the external cable is not
> the circular JRC connector.
>
> A couple of the guys in the group have used
> this board (and the improved CPU firmware
> EPROM) with good results.
>
> Regards,
> Bill Bowen
> Sacramento, CA
>
>
> To: nrd-525-535@yahoogroups.com
> From: "Jerry" <jakeg7258@s...>
> Date sent: Sun, 28 Aug 2005 03:07:52 -0000
> Subject: [nrd-525-535] RS232 interface
> Send reply to: nrd-525-535@yahoogroups.com
>
> > New to the group, but have happily owned a 525 for some 5 plus

years
> > now and very happy with the unit.
> >
> > However, I would like to hook it up to the computer and can't
find any
> > place to purchase the card to do so.
> >
> > Any ideas?
> >
> > Thanks,
> >
> >
> > Jake
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> > Yahoo! Groups Links
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> > --
> > No virus found in this incoming message.
> > Checked by AVG Anti-Virus.
> > Version: 7.0.344 / Virus Database: 267.10.16/83 - Release Date:
8/26/2005
> >

1018. Fw: [NRD-545] Re: 545 MUTE ISSUE-ACTIVE PURSUIT OF CAUSE

Yahoo group: nrd-525-535
Date: 2005-08-31 18:37:38 UTC
From: charles bolland
Topic: 1018 Message: 1018

Hi all,

I have been discussing the mute problem with John recently. He contacted Universal and the below correspondence is the
result of his conversation. He allowed me to send this to the group.

Chuck

----- Original Message -----
From: JThorpe
To: charles bolland
Sent: Wednesday, August 31, 2005 19:29
Subject: Re: [NRD-545] Re: 545 MUTE ISSUE-ACTIVE PURSUIT OF CAUSE

Hi again, Chuck,

I kept my promise. I called Universal Radio this morning and spoke to Leonard. It was Leonard with whom I spoke about the CHE-199 card malfunction reports, some 3-5 months ago.

In the time since we last spoke, Leonard and Universal Radio have received no complaints about the card, the exception being a NRD-545 that appeared to the owner to have the mute issue, but was actually associated with a PPL lock condition on another card in the receiver.

Our conversation/discussion today was practically a mirror image of the one we had so many months ago. No complaints received and no faulty card found in more than three years. Leonard did say that owners experiencing the mute issue should check their squelch settings and the user control lock feature. Therefore, if one has locked the users controls with the squelch setting turned up, naturally, it would appear as though the receiver was muted and no amount of knob twisting will resolve the situation until the lock feature is disabled.

Again, as with our first conversation, Leonard said that NRD-545 owners with suspect cards are encouraged to contact Universal Radio. Leonard further said that I/we could mention him by name on the Yahoo user group website, as the "go to" technical resource for these receivers.

Also, and at least as important, Leonard provided the name and telephone number of the US representative at JRC USA and suggested NRD-545 owners contact him as well.

JRC USA: Mr. Peter Kito. (say: key-toe) 201 242-1882

Finally, this is my last response to the CHE-199 issue. I offered a survey to help ascertain the extent of the problem with the CHE-199 card and not one Yahoo Group member responded.
For some unfathomable reason, 545 owners who suspect an issue with the CHE card seem to refuse to follow logical processes toward resolution. I wish them good luck.

Chuck, you have my permission to post this on the user group website.

Best wishes,

John

charles bolland <KA4PRF@...> wrote:
Hi John,

I don't have the problem with the the Wideband yet. I was answering someone who posted the problem on the group. He didn't sign his email, so I just sent my response to the group. Anyway, there were a couple of individuals who reported the same problem. John, there
must be a bigger problem than we expected out there with the CHE-199

Chuck

----- Original Message -----
From: JThorpe
To: ka4prf@...
Sent: Sunday, August 28, 2005 15:15
Subject: Re: [NRD-545] Re: 545 MUTE ISSUE-ACTIVE PURSUIT OF CAUSE

Hi Chuck, how are you? Long time......

I'm sending this to you, only, and not the Group.

I'm sorry, but I can't tell if you are asking me or another group member about the status of their squelch/mute issue.

Guess what? No one responded to me about the survery, or at least, not directly. I haven't been on our Group website in quite a while, as I've been completely dedicated to a project, so don't know if members responded on the Group site.

Chuck, please let me know if I've missed something in your posting.

Thanks and best regards,

John

charles bolland <ka4prf@...> wrote:
Sir,

what's the status of your squelch? Obviously, since this problem only occurs above 30 MHz, you
are probably having problems with your CHE-199 Wideband unit. Make sure it's firmly connected?
Is there antenna connected to the Wideband antenna conector?

Give us more details.

Thanks

Chuck

----- Original Message -----
From: ljaychat

To: NRD-545@yahoogroups.com
Sent: Sunday, August 28, 2005 13:01
Subject: [NRD-545] Re: 545 MUTE ISSUE-ACTIVE PURSUIT OF CAUSE

--- In NRD-545@yahoogroups.com, "Jon" <jwthorpe@s...> wrote:
>
> All,
> this is my first post here, but have been monitoring the
> exchanges regarding the NRD
> -545 Mute issues: as far back as the Group begining.
>
> My new 545 does not have the issue. However, as best as I can
> ascertain from the several
> postings about it, it appears that perhaps only one Group member
may
> have solved it with
> JRC and their dealer.
>
> I'd like to help, even though I'm not a victem of it (yet).
>
> I have developed a survey to gather some information about 545's
that
> exhibit the mute
> problem. The object is to try to learn if there is a commonality
> among ailing 545's that
> may result in the receiver failing to mute mode. I've reviewed the
> survey with an outside
> resource. He thinks this might be a good start.
>
> Further, a gentleman in Italy seems to be making excellent progress
> toward diagnosing
> the muting cause in his 545. We've been working the issue for two
> weeks now. His first
> tests seem to point to potentially faulty componetry, possibly
> similar to that cited by one
> Group member early in the postings. We wiil post here if when
successful.
>
> Leonard at Universal Radio, reportedly Universal's NRD-545 tech
> expert, told me two weeks
> ago, that he has not received any customer complaints about the
mute
> issue. Personally, I
> have a difficult time understanding this, since I believe that if
my
> receiver delivered poor
> performence or failed any functionality, that I'd be on the phone
to
> the dealer immediately.
>

> Also, see Dave's Radio Receiver Page for snippits of our email
> exchange on the issue. It's
> in the grey box on the first page. (www.ticon.net/~n9ewo/)
>
> Please post back if you would like to try this approach to solving
> your 545 mute issue. At
> the end of two weeks from now, I'll send the survey individually to
> those who wish to
> participate. I'll need email addresses to do so.
>
> Finally, if you have better/other suggestions about diagnosing and
> solving the mute
> problem, then please bring them forward. Please also be aware that
> some/many of us are
> not electrical engineers, self included, and may not entirely
> understand highly technical,
> jargon laden details.
>
> 73,
>
> John

Hello John,
I just experienced a muting problem that begins only at >30 MHz,have
joined the group as of last nigt. Looking forward to resolution of
the problem

Community email addresses:
Post message: NRD-545@yahoogroups.com
Subscribe: NRD-545-subscribe@yahoogroups.com
Unsubscribe: NRD-545-unsubscribe@yahoogroups.com
List owner: NRD-545-owner@yahoogroups.com

Shortcut URL to this page:
http://groups.yahoo.com/group/NRD-545/

YAHOO! GROUPS LINKS

a.. Visit your group "NRD-545" on the web.

b.. To unsubscribe from this group, send an email to:
NRD-545-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

1019. version 1.5 Firmware is a great success!

Yahoo group: nrd-525-535
Date: 2005-09-06 02:34:35 UTC
From: David S. Lesh
Topic: 1019 Message: 1019

Dear Christophe,

I wanted to thank you and also comment on your version 1.5 firmware for the NRD-525. Although modifying the CPU board was a bit difficult, the results are well worth the effort. My receiver has an extra filter selection and 11 tuning rate choices, now. I am very pleased with my results. Automatic sweeping of the radio spectrum is quite easy now.... I like this radio much better that my Drake R8 !

This modification is a value adding feature to the JRC NRD-525 !

Kindest Regards,
David S. Lesh
dslesh53
KB1IBE

1020. Re: version 1.5 Firmware is a great success!

Yahoo group: nrd-525-535
Date: 2005-09-06 11:49:46 UTC
From: christophe525
Topic: 1019 Message: 1020

Many thanks David!
The JRC NRD-525 is really a great receiver...
Christophe.

http://perso.wanadoo.fr/geip/NRD525.htm

--- In nrd-525-535@yahoogroups.com, "David S. Lesh" <dslesh@e...> wrote:
> Dear Christophe,
>
> I wanted to thank you and also comment on your version 1.5
firmware for the NRD-525. Although modifying the CPU board was a bit
difficult, the results are well worth the effort. My receiver has an
extra filter selection and 11 tuning rate choices, now. I am very
pleased with my results. Automatic sweeping of the radio spectrum is
quite easy now.... I like this radio much better that my Drake R8 !
>
> This modification is a value adding feature to the JRC NRD-525 !
>
>
> Kindest Regards,
> David S. Lesh
> dslesh53
> KB1IBE

1021. WTB: NRD-525

Yahoo group: nrd-525-535
Date: 2005-09-08 05:29:37 UTC
From: nickcarr3151
Topic: 1021 Message: 1021

Looking for a good condition, used NRD-525. I prefer that it come from a non-smoking environment if possible. There's one on EBay but it's in Canada. I'm looking to pay no more than $350 shipped. If I can find the right deal, I'd like to receive it no later than Friday, Sept 16th. So I'm kind of in a hurry. I'd like to have a box and manual, but that's not required.

Thanks,

-Nick
n7zya

1022. Re: WTB: NRD-525

Yahoo group: nrd-525-535
Date: 2005-09-08 20:53:42 UTC
From: Dan Robinson
Topic: 1021 Message: 1022

I think that's kind of low for a good condition 525, even
without the VHF converter....

You should expect to pay in the 400-600 range...

--- In nrd-525-535@yahoogroups.com, "nickcarr3151" <nickcarr3151@y...>
wrote:
> Looking for a good condition, used NRD-525. I prefer that it come
> from a non-smoking environment if possible. There's one on EBay but
> it's in Canada. I'm looking to pay no more than $350 shipped. If I
> can find the right deal, I'd like to receive it no later than Friday,
> Sept 16th. So I'm kind of in a hurry. I'd like to have a box and
> manual, but that's not required.
>
>
> Thanks,
>
> -Nick
> n7zya

1023. Re: WTB: NRD-525

Yahoo group: nrd-525-535
Date: 2005-09-09 03:11:56 UTC
From: nickcarr3151
Topic: 1021 Message: 1023

Well, I don't need the VHF converter. FYI, I've seen very good conditioned units selling for as low as $275 on EBay -- and this was a few months ago.

1024. RE: [nrd-525-535] Re: WTB: NRD-525

Yahoo group: nrd-525-535
Date: 2005-09-09 10:10:14 UTC
From: jim franey
Topic: 1021 Message: 1024

I don't think so! And if so why didn't you buy one? Jim

Subject: [nrd-525-535] Re: WTB: NRD-525

Well, I don't need the VHF converter. FYI, I've seen very good
conditioned units selling for as low as $275 on EBay -- and this was a
few months ago.

Yahoo! Groups Links

1025. Re: WTB: NRD-525

Yahoo group: nrd-525-535
Date: 2005-09-09 13:05:57 UTC
From: arne_at_cox_net
Topic: 1021 Message: 1025

Seems that those 525's are more popular and in demand than
a 535 (which is what I've got). At less than $300, I would
take at least two of them myself. Just point me to them.

Arne

--- In nrd-525-535@yahoogroups.com, "jim franey" <suburude@c...>
wrote:
> I don't think so! And if so why didn't you buy one? Jim

> Subject: [nrd-525-535] Re: WTB: NRD-525
> Well, I don't need the VHF converter. FYI, I've seen very good
> conditioned units selling for as low as $275 on EBay -- and this was
a
> few months ago.

1026. Re: [nrd-525-535] Re: WTB: NRD-525

Yahoo group: nrd-525-535
Date: 2005-09-09 21:25:58 UTC
From: Craig Leitgeb
Topic: 1021 Message: 1026

I agree, $300 and under is very cheap for an NRD-525. I bought mine from Universal Radio a year ago and paid a little over $500. It's a very clean unit, was bench checked, and came with a limited warranty. I didn't mind paying a slight premium for the extra security of buying it from a dealer with a name and reputation to protect.

Craig
----- Original Message -----
From: arne_at_cox_net
To: nrd-525-535@yahoogroups.com
Sent: Friday, September 09, 2005 9:05 AM
Subject: [nrd-525-535] Re: WTB: NRD-525

Seems that those 525's are more popular and in demand than
a 535 (which is what I've got). At less than $300, I would
take at least two of them myself. Just point me to them.

Arne

--- In nrd-525-535@yahoogroups.com, "jim franey" <suburude@c...>
wrote:
> I don't think so! And if so why didn't you buy one? Jim

> Subject: [nrd-525-535] Re: WTB: NRD-525
> Well, I don't need the VHF converter. FYI, I've seen very good
> conditioned units selling for as low as $275 on EBay -- and this was
a
> few months ago.

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YAHOO! GROUPS LINKS

a.. Visit your group "nrd-525-535" on the web.

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1027. NRD-525

Yahoo group: nrd-525-535
Date: 2005-09-10 13:49:09 UTC
From: David S. Lesh
Topic: 215 Message: 1027

There are three NRD-525 rx's on EBAY now (Sept. 10, 2005) Good Luck !

Regards,

dslesh53

1028. NRD-525 RS-232 and Excel

Yahoo group: nrd-525-535
Date: 2005-09-12 19:34:28 UTC
From: christophe525
Topic: 1028 Message: 1028

You can send NRD-525 memories and VFO with EXCEL.

1°) If you don't have, install MSCOMM for Excel
(ex: http://cherbe.free.fr/XL_RS232.exe)

2°) Download my Excel sheet (MEM525_1.xls auto-zip) here :
http://perso.wanadoo.fr/geip/notices.htm

Best regards,
Christophe B.

1029. NRD-525 and Kiwa Map

Yahoo group: nrd-525-535
Date: 2005-09-13 22:11:19 UTC
From: pjxii
Topic: 1029 Message: 1029

Hi, I need some help for anyone with experience using this combination. I have a MAP unit and am planning on getting a 525 to work with it, and in the MAP's manual on the "NRD-525 Best Pickup Location" page, it reads:

"Note: ...Full bandwidth of the MAP's wideband will be realized with a
stock receiver where there is no filter in the AUX position. Other bandwidths are possible when other filter combinations of the MAP and receiver are engaged."

Earlier in the manual, it reads "the pickup bandwidth should be at least 10 kHz to accurately reproduce the MAP's wideband [6.9 kHz]. This allows the MAP independant control of the IF filtering and will provide the optimum location for those interested in fidelity of voice
and music."

Of course, the stock filter in the 525's AUX slot is well wide enough.
My question to 525/MAP users is this: The MAP's wideband is about 7 kHz
and the narrow is about 3 kHz, how do you get another bandwidth with this setup? I know that you can use the Receiver Monitor pushbutton to
bypass the MAP audio and listen to the receiver's audio through the MAP's speaker, and I assume that you can then use the 525's 4 kHz filter in this way, but then you wouldn't be able to use the MAP's synch or audio contouring. Can anyone clear this up for me? Thanks!

1030. Re: NRD-525, and Excel

Yahoo group: nrd-525-535
Date: 2005-09-13 22:34:31 UTC
From: Spencer Carter
Topic: 1030 Message: 1030

--- nrd-525-535@yahoogroups.com wrote:

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> Yahoo! your home page
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http://us.click.yahoo.com/dpRU5A/wUILAA/yQLSAA/ELTolB/TM
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---~->
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>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. NRD-525 RS-232 and Excel
> From: "christophe525" <QRV@...>
>
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>
> Message: 1
> Date: Mon, 12 Sep 2005 19:34:28 -0000
> From: "christophe525" <QRV@...>
> Subject: NRD-525 RS-232 and Excel
>
> You can send NRD-525 memories and VFO with EXCEL.
>
> 1?) If you don't have, install MSCOMM for Excel
> (ex: http://cherbe.free.fr/XL_RS232.exe)
>
> 2?) Download my Excel sheet (MEM525_1.xls auto-zip)
> here :
> http://perso.wanadoo.fr/geip/notices.htm
>
> Best regards,
> Christophe B.
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1031. Re: NRD-525, RS-232 and Excel

Yahoo group: nrd-525-535
Date: 2005-09-13 22:36:51 UTC
From: Spencer Carter
Topic: 1031 Message: 1031

First, sorry about the previous mispost. My fingers
hit the wrong key!

Second, Christophe, have you tried Bob Stillet's
Shortwave Log program? It's free, a wonderful tool and
will drive an NRD-525.

There a Yahoo group devoted to SWLog if you're
interested.

Spence

--- nrd-525-535@yahoogroups.com wrote:

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> Yahoo! your home page
>
http://us.click.yahoo.com/dpRU5A/wUILAA/yQLSAA/ELTolB/TM
>
---~->
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>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. NRD-525 RS-232 and Excel
> From: "christophe525" <QRV@...>
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> Message: 1
> Date: Mon, 12 Sep 2005 19:34:28 -0000
> From: "christophe525" <QRV@...>
> Subject: NRD-525 RS-232 and Excel
>
> You can send NRD-525 memories and VFO with EXCEL.
>
> 1?) If you don't have, install MSCOMM for Excel
> (ex: http://cherbe.free.fr/XL_RS232.exe)

>
> 2?) Download my Excel sheet (MEM525_1.xls auto-zip)
> here :
> http://perso.wanadoo.fr/geip/notices.htm
>
> Best regards,
> Christophe B.
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1032. Re: NRD-525, RS-232 and Excel

Yahoo group: nrd-525-535
Date: 2005-09-15 12:21:59 UTC
From: hebensberger
Topic: 1031 Message: 1032

Hi 525 user,
the Excel software from Christophe will not work on my XP-Laptop
with USB-to Serial Converter. I have changed several Baud-Rates and
Com ports, but nothing happend.
But I own the Bonito RadioCom Software (Version 4.5). This software
works fine with Christophes CMH-532 Card and my USB-Serial
Converter.Every Frequenzies can quickly be send to the NRD and with
the Soundcard-Connection you can use the FAX/ RTTY and CW Dekode
Funktions.
Does anybody prefer an other Software, witch can remote and send
Data to the NRD 525?
PS. Sorry for my poor School-English.
73 from Germany
Markus
--- In nrd-525-535@yahoogroups.com, Spencer Carter
<spence1943@y...> wrote:
> First, sorry about the previous mispost. My fingers
> hit the wrong key!
>
> Second, Christophe, have you tried Bob Stillet's
> Shortwave Log program? It's free, a wonderful tool and
> will drive an NRD-525.
>
> There a Yahoo group devoted to SWLog if you're
> interested.
>
> Spence
>
> --- nrd-525-535@yahoogroups.com wrote:
>
> > ---------- Yahoo! Groups Sponsor
> > ----------~-->
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> > Yahoo! your home page
> >
> http://us.click.yahoo.com/dpRU5A/wUILAA/yQLSAA/ELTolB/TM
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> > There is 1 message in this issue.
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> > Topics in this digest:
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> > 1. NRD-525 RS-232 and Excel
> > From: "christophe525" <QRV@w...>
> >
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> >
> > Message: 1
> > Date: Mon, 12 Sep 2005 19:34:28 -0000
> > From: "christophe525" <QRV@w...>
> > Subject: NRD-525 RS-232 and Excel
> >
> > You can send NRD-525 memories and VFO with EXCEL.
> >
> > 1°) If you don't have, install MSCOMM for Excel
> > (ex: http://cherbe.free.fr/XL_RS232.exe)
> >
> > 2°) Download my Excel sheet (MEM525_1.xls auto-zip)
> > here :
> > http://perso.wanadoo.fr/geip/notices.htm
> >
> > Best regards,
> > Christophe B.
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1033. Re: NRD-525-535, RS-232 and Excel

Yahoo group: nrd-525-535
Date: 2005-09-15 16:25:16 UTC
From: Spencer Carter
Topic: 1033 Message: 1033

I use ShortwaveLog with my NRD-525. It's free and it's
a terrific program, available in several languages.
You can take a look
here:http://www.shortwavelog.com/default-english.html

--- nrd-525-535@yahoogroups.com wrote:

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> Get fast access to your favorite Yahoo! Groups. Make
> Yahoo! your home page
>
http://us.click.yahoo.com/dpRU5A/wUILAA/yQLSAA/ELTolB/TM
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> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Re: NRD-525, RS-232 and Excel
> From: "hebensberger"
> <M.Hebensberger@...>
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> Message: 1
> Date: Thu, 15 Sep 2005 12:21:59 -0000
> From: "hebensberger" <M.Hebensberger@...>
> Subject: Re: NRD-525, RS-232 and Excel
>
> Hi 525 user,
> the Excel software from Christophe will not work on
> my XP-Laptop
> with USB-to Serial Converter. I have changed several
> Baud-Rates and
> Com ports, but nothing happend.
> But I own the Bonito RadioCom Software (Version
> 4.5). This software
> works fine with Christophes CMH-532 Card and my

> USB-Serial
> Converter.Every Frequenzies can quickly be send to
> the NRD and with
> the Soundcard-Connection you can use the FAX/ RTTY
> and CW Dekode
> Funktions.
> Does anybody prefer an other Software, witch can
> remote and send
> Data to the NRD 525?
> PS. Sorry for my poor School-English.
> 73 from Germany
> Markus
> --- In nrd-525-535@yahoogroups.com, Spencer Carter
> <spence1943@y...> wrote:
> > First, sorry about the previous mispost. My
> fingers
> > hit the wrong key!
> >
> > Second, Christophe, have you tried Bob Stillet's
> > Shortwave Log program? It's free, a wonderful tool
> and
> > will drive an NRD-525.
> >
> > There a Yahoo group devoted to SWLog if you're
> > interested.
> >
> > Spence
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> > --- nrd-525-535@yahoogroups.com wrote:
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> > > There is 1 message in this issue.
> > >
> > > Topics in this digest:
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> > > 1. NRD-525 RS-232 and Excel
> > > From: "christophe525" <QRV@w...>
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> > >
> > > Message: 1
> > > Date: Mon, 12 Sep 2005 19:34:28 -0000
> > > From: "christophe525" <QRV@w...>
> > > Subject: NRD-525 RS-232 and Excel
> > >
> > > You can send NRD-525 memories and VFO with
> EXCEL.
> > >
> > > 1?) If you don't have, install MSCOMM for Excel
> > > (ex: http://cherbe.free.fr/XL_RS232.exe)
> > >
> > > 2?) Download my Excel sheet (MEM525_1.xls
> auto-zip)
> > > here :
> > > http://perso.wanadoo.fr/geip/notices.htm
> > >
> > > Best regards,
> > > Christophe B.
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1034. Re: NRD-525, RS-232 and Excel

Yahoo group: nrd-525-535
Date: 2005-09-15 19:24:28 UTC
From: christophe525
Topic: 1031 Message: 1034

Yes, Shortwave Log is really a good program, but I need a very simple sheet with Excel Macro to read/write memories and VFO with my 5 IF filters (new CPU EPROM).

(http://perso.wanadoo.fr/geip/notices.htm => MEM525_2.xls)

Best regards,
Christophe B.

--- In nrd-525-535@yahoogroups.com, Spencer Carter <spence1943@y...> wrote:
> First, sorry about the previous mispost. My fingers
> hit the wrong key!
>
> Second, Christophe, have you tried Bob Stillet's
> Shortwave Log program? It's free, a wonderful tool and
> will drive an NRD-525.
>
> There a Yahoo group devoted to SWLog if you're
> interested.
>
> Spence
>

1035. Re: NRD-525, RS-232 and Excel

Yahoo group: nrd-525-535
Date: 2005-09-15 19:29:01 UTC
From: christophe525
Topic: 1031 Message: 1035

Hello Markus,
My Excel sheet works only with serial (COM) ports and not USB.

Best regards,
Christophe B.
http://perso.wanadoo.fr/geip/NRD525.htm

--- In nrd-525-535@yahoogroups.com, "hebensberger"
<M.Hebensberger@t...> wrote:
> Hi 525 user,
> the Excel software from Christophe will not work on my XP-Laptop
> with USB-to Serial Converter. I have changed several Baud-Rates and
> Com ports, but nothing happend.
> But I own the Bonito RadioCom Software (Version 4.5). This software
> works fine with Christophes CMH-532 Card and my USB-Serial
> Converter.Every Frequenzies can quickly be send to the NRD and with
> the Soundcard-Connection you can use the FAX/ RTTY and CW Dekode
> Funktions.
> Does anybody prefer an other Software, witch can remote and send
> Data to the NRD 525?
> PS. Sorry for my poor School-English.
> 73 from Germany
> Markus

1036. AW: [nrd-525-535] Re: NRD-525, RS-232 and Excel

Yahoo group: nrd-525-535
Date: 2005-09-16 16:43:33 UTC
From: Markus Hebensberger
Topic: 1031 Message: 1036

Hello Christophe,
thank you for your answer. If have changed the bauds to 1200 and now
your new version 525_2 will work!
Thanks a lott for your help. I have tried the newest version of swLog
(build 2077) and it works too with your serial card!
73 from Germany
Markus

-----Ursprüngliche Nachricht-----
Von: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] Im
Auftrag von christophe525
Gesendet: Donnerstag, 15. September 2005 21:29
An: nrd-525-535@yahoogroups.com
Betreff: [nrd-525-535] Re: NRD-525, RS-232 and Excel

Hello Markus,
My Excel sheet works only with serial (COM) ports and not USB.

Best regards,
Christophe B.
http://perso.wanadoo.fr/geip/NRD525.htm

--- In nrd-525-535@yahoogroups.com, "hebensberger"
<M.Hebensberger@t...> wrote:
> Hi 525 user,
> the Excel software from Christophe will not work on my XP-Laptop
> with USB-to Serial Converter. I have changed several Baud-Rates and
> Com ports, but nothing happend.
> But I own the Bonito RadioCom Software (Version 4.5). This software
> works fine with Christophes CMH-532 Card and my USB-Serial
> Converter.Every Frequenzies can quickly be send to the NRD and with
> the Soundcard-Connection you can use the FAX/ RTTY and CW Dekode
> Funktions.
> Does anybody prefer an other Software, witch can remote and send
> Data to the NRD 525?
> PS. Sorry for my poor School-English.
> 73 from Germany
> Markus

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adio+sales&c=5&s=105&.sig=FlmzOxqXh8nvVRU1Xcjmgw> and craft supply
Craft

<http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Hobby+and+craft+supp
ly&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&w5=Ham+radio+sales&
c=5&s=105&.sig=5Atch1nPQKZTFVMEz9MG3A> hobby
Hobbies
<http://groups.yahoo.com/gads?t=ms&k=Hobbies+and+crafts&w1=Hobby+and+cra
ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&w5=Ham+radio
+sales&c=5&s=105&.sig=ijWkGDesAlMI4n5UtSKh9A> and crafts

Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply
&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&w5=Ham+radio+sales&c=
5&s=105&.sig=IyTkODlwBlvkhyxBJUuulA> radio
Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Hobby+and+craft+
supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&w5=Ham+radio+sa
les&c=5&s=105&.sig=Xc5hiMpw2OGijBnTzQ8ciQ> radio sales

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<http://docs.yahoo.com/info/terms/> Terms of Service.

1037. AW: [nrd-525-535] Re: NRD-525, RS-232 and Excel

Yahoo group: nrd-525-535
Date: 2005-09-16 16:48:34 UTC
From: Markus Hebensberger
Topic: 1031 Message: 1037

I have forgotten to say: My Toshiba XP Laptop works with an HP MT 608-2
USB to serial Adapter. He was set to Com 1 and 1200 Baud.

-----Ursprüngliche Nachricht-----
Von: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] Im
Auftrag von christophe525
Gesendet: Donnerstag, 15. September 2005 21:29
An: nrd-525-535@yahoogroups.com
Betreff: [nrd-525-535] Re: NRD-525, RS-232 and Excel

Hello Markus,
My Excel sheet works only with serial (COM) ports and not USB.

Best regards,
Christophe B.
http://perso.wanadoo.fr/geip/NRD525.htm

--- In nrd-525-535@yahoogroups.com, "hebensberger"
<M.Hebensberger@t...> wrote:
> Hi 525 user,
> the Excel software from Christophe will not work on my XP-Laptop
> with USB-to Serial Converter. I have changed several Baud-Rates and
> Com ports, but nothing happend.
> But I own the Bonito RadioCom Software (Version 4.5). This software
> works fine with Christophes CMH-532 Card and my USB-Serial
> Converter.Every Frequenzies can quickly be send to the NRD and with
> the Soundcard-Connection you can use the FAX/ RTTY and CW Dekode
> Funktions.
> Does anybody prefer an other Software, witch can remote and send
> Data to the NRD 525?
> PS. Sorry for my poor School-English.
> 73 from Germany
> Markus

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+craft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&w5=Ham+r
adio+sales&c=5&s=105&.sig=FlmzOxqXh8nvVRU1Xcjmgw> and craft supply
Craft
<http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Hobby+and+craft+supp
ly&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&w5=Ham+radio+sales&
c=5&s=105&.sig=5Atch1nPQKZTFVMEz9MG3A> hobby
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<http://groups.yahoo.com/gads?t=ms&k=Hobbies+and+crafts&w1=Hobby+and+cra

ft+supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&w5=Ham+radio
+sales&c=5&s=105&.sig=ijWkGDesAlMI4n5UtSKh9A> and crafts

Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Hobby+and+craft+supply
&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&w5=Ham+radio+sales&c=
5&s=105&.sig=IyTkODlwBlvkhyxBJUuulA> radio
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supply&w2=Craft+hobby&w3=Hobbies+and+crafts&w4=Ham+radio&w5=Ham+radio+sa
les&c=5&s=105&.sig=Xc5hiMpw2OGijBnTzQ8ciQ> radio sales

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<mailto:nrd-525-535-unsubscribe@yahoogroups.com?subject=Unsubscribe>

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<http://docs.yahoo.com/info/terms/> Terms of Service.

1038. CFL-232 wanted

Yahoo group: nrd-525-535
Date: 2005-09-26 14:56:38 UTC
From: kpt_haddock2001
Topic: 854 Message: 1038

Hi
Still looking for a CFL-232 (YF455DQ).
Thanks
Andy

1039. Filter-confusion

Yahoo group: nrd-525-535
Date: 2005-09-26 14:46:01 UTC
From: kpt_haddock2001
Topic: 1039 Message: 1039

Hi
I've just bought a filter for my NRD525:
The following is written on it: YF455 DPB. Can anyone
give me some information about this filter? Bandwidth?
Can I use it with the NRD525?
Regards
Andy

1040. Re: [nrd-525-535] Filter-confusion

Yahoo group: nrd-525-535
Date: 2005-09-26 16:33:29 UTC
From: charles bolland
Topic: 1039 Message: 1040

Andy,

There's a web page on the net that gives details about filters according to
the nomenclature.
Unfortunately, I don't recall the link address. Maybe if you did a search
on Google, you'd
find something?

Chuck

----- Original Message -----
From: "kpt_haddock2001" <dark_star@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, September 26, 2005 15:46
Subject: [nrd-525-535] Filter-confusion

> Hi
> I've just bought a filter for my NRD525:
> The following is written on it: YF455 DPB. Can anyone
> give me some information about this filter? Bandwidth?
> Can I use it with the NRD525?
> Regards
> Andy
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1041. Re: [nrd-525-535] Filter-confusion

Yahoo group: nrd-525-535
Date: 2005-09-27 02:10:25 UTC
From: g3vvt@aol.com
Topic: 1039 Message: 1041

Hi Andy,

The YF455DPB is the CFL-230 300Hz BW filter as used in the earlier NRD-515. The other optional CW filter for this RX was the CFL-260 600Hz BW Kokusai MF-455-03AZ (6dB BW greater than 0.5kHz) I have the latter filter in my station NRD-515 RX that is paired with the NSD-515 TX.

In case it is of any benefit to others, will list the filter info that came with a CFL-232 that I have in a JST-135 transceiver:

CFL-231 (YF455FM) 240Hz 6dB BW

CFL-232 (YF455DQ) 0.5 - 0.8kHz 6dB BW

CFL-233 (YF455DE) 1.0 - 1.5kHz 6dB BW

CFL-218A 1.7 - 1.9kHz 6dB BW

Additionally have another filter with no info sheet:

CFL-251 (YF455EB) which just quotes 2.4kHz BW on the box it came in, so presume this is SSB wide filter.

Also found the above filters also work well in the NRD-515 optional filter pcb.

I use the CFL-233 in the NRD-515 when the going gets tough as it's 1.5kHz bandwidth is just enough for SSB reception. This is a bonus when the normal Kokusai 2.4kHz BW mechanical filter runs into problems.

Regards,
Bob, G3VVT

1042. Re: Filter-confusion

Yahoo group: nrd-525-535
Date: 2005-09-27 09:08:11 UTC
From: kpt_haddock2001
Topic: 1039 Message: 1042

Bob,
thanks a lot for the information!
Do you know if I can use this filter also with a
NRD 525?
Regards
Andy

1043. Re: [nrd-525-535] Re: Filter-confusion

Yahoo group: nrd-525-535
Date: 2005-09-27 09:41:32 UTC
From: g3vvt@aol.com
Topic: 1039 Message: 1043

Hi Andy,

The filters seem to be interchangeable and as the filter is intended to be used for CW you will be able to place the BFO correctly on this mode. As far as I can recall, all are similarly sized and where the in/out pins are fitted.

As I mentioned already use the CFL-233 in my NRD-515 to great success. The only change is I have to shift the PBT control slightly to centre the filter in the passband.

Sold an NRD-525 to buy the NRD-515 which are not quite as common on the market. Rate the NRD-515 very highly despite being rather simple in what controls are available. No IF notch, variable bandwidth, FM or any of the frills on the later receivers. No RF amplifier either so is a very quiet receiver with more than adequate sensitivity and resistant to overload.

If it is not on the front panel it doesn't have it!

With only two main PCB is fairly easy to repair and does not need extender boards to do the work. Repaired one a few years back that had been zapped probably by a nearby lightning strike. A lot of unnecessary damage was done because somebody had mistakenly removed the front end protection diodes, but was still ultimately fixable to bring it up to original specification. Well laid out for testing with removable links to isolate stages.

Regards,
Bob, G3VVT

1044. Filter IN/OUT impedance

Yahoo group: nrd-525-535
Date: 2005-09-29 15:27:55 UTC
From: i2phd
Topic: 1044 Message: 1044

Does anybody know what the input/output impedance of the 525 filters
is?
I am asking because I fitted in the AUX position an SSB filter made by
Yaesu for their FT-1000D transceiver. It works, but checking the
flatness of the passband, it leaves something to be desired, which
normally is a symptom of mismatched impedances. I checked the service
manual of the 525, but the information does not seem to be there.

Thanks

73 Alberto I2PHD

1045. Re: [nrd-525-535] Filter IN/OUT impedance

Yahoo group: nrd-525-535
Date: 2005-09-29 17:27:34 UTC
From: John Reed
Topic: 1044 Message: 1045

----- Original Message -----
From: "i2phd" <i2phd@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Thursday, September 29, 2005 9:27 AM
Subject: [nrd-525-535] Filter IN/OUT impedance

Filters that can be fitted in the AUX position are normally the JRC crystal types. I think these have input/output impedances of 2 Kohm and 15 pF capacitance.

John Reed

> Does anybody know what the input/output impedance of the 525 filters
> is?
> I am asking because I fitted in the AUX position an SSB filter made by
> Yaesu for their FT-1000D transceiver. It works, but checking the
> flatness of the passband, it leaves something to be desired, which
> normally is a symptom of mismatched impedances. I checked the service
> manual of the 525, but the information does not seem to be there.
>
> Thanks
>
> 73 Alberto I2PHD
>
>
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>
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>
> Yahoo! Groups Links
>
>
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>
>
>
>

1046. Re: [nrd-525-535] Filter IN/OUT impedance

Yahoo group: nrd-525-535
Date: 2005-09-29 18:00:17 UTC
From: Alberto I2PHD
Topic: 1044 Message: 1046

John Reed wrote:
> ----- Original Message -----
> From: "i2phd" <i2phd@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Thursday, September 29, 2005 9:27 AM
> Subject: [nrd-525-535] Filter IN/OUT impedance
>
> Filters that can be fitted in the AUX position are normally the JRC crystal
> types. I think these have input/output impedances of 2 Kohm and 15 pF
> capacitance.
>
> John Reed

John,
thanks. This exactly the information I needed.

73 Alberto I2PHD

1047. Re: [nrd-525-535] Filter IN/OUT impedance

Yahoo group: nrd-525-535
Date: 2005-09-29 23:56:41 UTC
From: g3vvt@aol.com
Topic: 1044 Message: 1047

In a message dated 29/09/05 18:29:22 GMT Daylight Time, jreed@...
writes:

Filters that can be fitted in the AUX position are normally the JRC crystal types. I think these have input/output impedances of 2 Kohm and 15 pF capacitance.

Hi John and Alberto,

Had a search through the instruction manuals for the NRD-515, JST-135 plus the service manuals for these and the NRD-525. The only info found was a specification for the requirements of a crystal filter for the NRD-515 which is given as 600 ohms and 60pf input/output. The optional CFL-230, 300Hz BW filter complies with this and has a -6dB loss.

The alternate CFL-260, 600Hz BW Kokusai mechanical filter has a given input/output impedance of 1K ohm and no stated shunt capacitance, though is not made clear if this is before or after the matching transformers.

Looking at the schematic for the CFH-36 IF filter unit in the NRD-525, note that both the input and output of all the filters are terminated with 1K2 ohms (the partially similar JST-135 uses 1K5 ohms). Additionally the optional crystal filters, FL5/FL6 have a 68pF shunt capacitor at each end. Think that would indicate the terminated impedance of the optional crystal filters may be somewhat lower than 2K ohm suggested and the shunt capacitance may be closer to the NRD-515's 60 pF rather than 15pF.

Regards,
Bob, G3VVT

1048. 525 Repairs

Yahoo group: nrd-525-535
Date: 2005-10-09 20:44:03 UTC
From: bthessy
Topic: 1048 Message: 1048

Hi Group,

Does anyone know of reputable repair facility for JRC radios in the U.S.? My 525 was dropped and the tuning knob no longer works. Thanks, Paul

1049. Re: 525 Repairs

Yahoo group: nrd-525-535
Date: 2005-10-11 22:34:55 UTC
From: Dan Robinson
Topic: 1048 Message: 1049

--- In nrd-525-535@yahoogroups.com, "bthessy" <bthessy@y...> wrote:
>
> Hi Group,
>
> Does anyone know of reputable repair facility for JRC radios in the
> U.S.? My 525 was dropped and the tuning knob no longer works. Thanks,
> Paul
>

Paul --

Send it to Universal Radio -- probably the best bet...

1050. RE: [nrd-525-535] Re: 525 Repairs

Yahoo group: nrd-525-535
Date: 2005-10-11 22:45:43 UTC
From: jim franey
Topic: 1048 Message: 1050

If you want to pay through the nose send it to Universal. Really they are extravagantly!!! Pricey! It may be cheaper to buy a used one out there. Jim

-----Original Message-----
From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com]
On Behalf Of Dan Robinson
Sent: Tuesday, October 11, 2005 3:35 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: 525 Repairs

--- In nrd-525-535@yahoogroups.com, "bthessy" <bthessy@y...> wrote:
>
> Hi Group,
>
> Does anyone know of reputable repair facility for JRC radios in the
> U.S.? My 525 was dropped and the tuning knob no longer works. Thanks,

> Paul
>

Paul --

Send it to Universal Radio -- probably the best bet...

Yahoo! Groups Links

1051. I need shema for nrd 525

Yahoo group: nrd-525-535
Date: 2005-10-12 07:44:13 UTC
From: Hannu miettinen
Topic: 1048 Message: 1051

Hi

Does enyone knows where I can download shema for nrd 525.

Hannu OH3KW
hannu.miettinen@...

1052. Re: [nrd-525-535] I need shema for nrd 525

Yahoo group: nrd-525-535
Date: 2005-10-12 08:10:10 UTC
From: gandalfg8@aol.com
Topic: 1048 Message: 1052

In a message dated 12/10/2005 08:40:51 GMT Daylight Time,
hannu.miettinen@... writes:

Does enyone knows where I can download shema for nrd 525.

Hi
You can download the full service manual, in four parts, from the files
section of this group.
The last part contains the schematics.
regards
Nigel
G8PZR

1053. CMK-165 VHF / UHF Converter Manual?

Yahoo group: nrd-525-535
Date: 2005-10-21 01:34:47 UTC
From: Tom Adams
Topic: 1053 Message: 1053

Hello!

Does anyone have the manual for the CMK-165 VHF / UHF Converter option for the NRD-525?

I just got high bid on one on E-PAY, and I've got a suspicion that a manual WILL NOT be coming along with it!

I'd like to get a Xerox copy; even better would be if somebody could do an upload to the FILES section of the group.

Thanks,

Tom, W9LBB

1054. CMH-532 Serial Comm Board Connector source?

Yahoo group: nrd-525-535
Date: 2005-10-21 01:40:01 UTC
From: Tom Adams
Topic: 1054 Message: 1054

Through my own abysmal stupidity I managed to destroy the connector for connecting my laptop to the NRD-525's control port (Don't ask... it's so dumb that it's embarassing).

Does anybody know where a replacement can be had?

Thanks,

Tom, W9LBB
Sun Prairie, WI

1055. Re: [nrd-525-535] CMK-165 VHF / UHF Converter Manual?

Yahoo group: nrd-525-535
Date: 2005-10-21 03:32:34 UTC
From: William H. Bowen
Topic: 1053 Message: 1055

Tom,

The CMK-165 info is a part of the regular
NRD-525 Service Manual. If memory serves
(and my 525 Manual is not handy at the
moment) the converter schematics are near
the back of the maual along with the
diagrams for the RS-232 and RTTY boards.

Regards,
Bill Bowen
Sacramento, CA USA

From: "Tom Adams" <w9lbb@...>
Subject: [nrd-525-535] CMK-165 VHF / UHF Converter Manual?

> Hello!
>
> Does anyone have the manual for the CMK-165 VHF / UHF Converter option
> for the NRD-525?
>
> I just got high bid on one on E-PAY, and I've got a suspicion that a
> manual WILL NOT be coming along with it!
>
> I'd like to get a Xerox copy; even better would be if somebody could do
> an upload to the FILES section of the group.
>
>
> Thanks,
>
> Tom, W9LBB

1056. Re: CMK-165 VHF / UHF Converter Manual?

Yahoo group: nrd-525-535
Date: 2005-10-21 05:18:46 UTC
From: Tom Adams
Topic: 1053 Message: 1056

Hello Bill!

That sounds good to me; I've got the service and operator's manuals at home (doing this at work right now).

Found the schematics OK, but was mainly looking for info to look over on installing the beast. It LOOKS straight forward enough, but it's my experience that there's ALWAYS a "Gotcha" hidden in EVERY simple looking job <<grin>>. Was hoping for an installation manual (like the RS232 interface had) to avoid it if I could.

73's,

Tom, W9LBB

--- In nrd-525-535@yahoogroups.com, "William H. Bowen" <wh_bowen@s...> wrote:
>
> Tom,
>
> The CMK-165 info is a part of the regular
> NRD-525 Service Manual. If memory serves
> (and my 525 Manual is not handy at the
> moment) the converter schematics are near
> the back of the maual along with the
> diagrams for the RS-232 and RTTY boards.
>
> Regards,
> Bill Bowen
> Sacramento, CA USA
>
>
> From: "Tom Adams" <w9lbb@y...>
> Subject: [nrd-525-535] CMK-165 VHF / UHF Converter Manual?
>
> > Hello!
> >
> > Does anyone have the manual for the CMK-165 VHF / UHF Converter option
> > for the NRD-525?
> >
> > I just got high bid on one on E-PAY, and I've got a suspicion that a
> > manual WILL NOT be coming along with it!

> >
> > I'd like to get a Xerox copy; even better would be if somebody
could do
> > an upload to the FILES section of the group.
> >
> >
> > Thanks,
> >
> > Tom, W9LBB
>

1057. Re: CMH-532 Board Connector; answering my own question

Yahoo group: nrd-525-535
Date: 2005-10-21 05:25:13 UTC
From: Tom Adams
Topic: 1054 Message: 1057

Howdy!

While looking for something else here at work, by chance I located the very information I posted a request for here.

Re. replacement connectors for the RS232 interface; they can be had from Digi-Key.

The plug is made by Hirose Electric. The proper connectors are Hirose number RP17-13P-12PC (this is the unshielded version), which has a Digi-Key part number of HR282-ND. Price is $4.70.

For a shielded version, ask for Hirose number RP17A-13P-12PC, which is Digi-Key part number HR283-ND. Price is $6.53.

73's,

Tom, W9LBB

--- In nrd-525-535@yahoogroups.com, "Tom Adams" <w9lbb@y...> wrote:
>
> Through my own abysmal stupidity I managed to destroy the connector for
> connecting my laptop to the NRD-525's control port (Don't ask... it's
> so dumb that it's embarassing).
>
> Does anybody know where a replacement can be had?
>
>
> Thanks,
>
> Tom, W9LBB
> Sun Prairie, WI
>

1058. Total reset

Yahoo group: nrd-525-535
Date: 2005-10-21 15:56:31 UTC
From: Gus Schabas
Topic: 1058 Message: 1058

Hello group

I am a new proud owner of one of these radios, NRD525. I am wondering
if it is a way to bring the radio back to factory defaults. I looked
on both owner's and service manual to no avail.
Thanks.

Gus

1059. Re: CMK-165 VHF / UHF Converter Manual?

Yahoo group: nrd-525-535
Date: 2005-10-23 15:25:11 UTC
From: christophe525
Topic: 1053 Message: 1059

Hello Tom,

I have the original CMK-165 manual.
I can scan it and send you via e-mail.
(Not before 1 or 2 weeks).

Best regards,

Christophe B.
QRV@wanadoo.fr

http://perso.wanadoo.fr/geip/NRD525.htm

--- In nrd-525-535@yahoogroups.com, "Tom Adams" <w9lbb@y...> wrote:
>
> Hello!
>
> Does anyone have the manual for the CMK-165 VHF / UHF Converter option
> for the NRD-525?
>
> I just got high bid on one on E-PAY, and I've got a suspicion that a
> manual WILL NOT be coming along with it!
>
> I'd like to get a Xerox copy; even better would be if somebody could
do
> an upload to the FILES section of the group.
>
>
> Thanks,
>
> Tom, W9LBB
>

1060. Re: Total reset

Yahoo group: nrd-525-535
Date: 2005-10-23 15:33:20 UTC
From: christophe525
Topic: 1058 Message: 1060

Hello Gus,

The NRD-525 with the original CPU EPROM have not this option.

Best regards,

Christophe B.
QRV@...

http://perso.wanadoo.fr/geip/NRD525En.htm

--- In nrd-525-535@yahoogroups.com, "Gus Schabas" <kc4jve@y...>
wrote:
>
> Hello group
>
> I am a new proud owner of one of these radios, NRD525. I am
wondering
> if it is a way to bring the radio back to factory defaults. I
looked
> on both owner's and service manual to no avail.
> Thanks.
>
> Gus
>

1061. Re: CMK-165 VHF / UHF Converter Manual?

Yahoo group: nrd-525-535
Date: 2005-10-28 19:11:57 UTC
From: christophe525
Topic: 1053 Message: 1061

Hello TOm,

This is the new link to see my CMK-165 original manual:

http://groups.yahoo.com/group/nrd-525-535/files/CMK165/

Best regards,
Christophe B.
QRV@...
http://perso.wanadoo.fr/geip/NRD525En.htm

--- In nrd-525-535@yahoogroups.com, "christophe525" <QRV@w...> wrote:
>
> Hello Tom,
>
> I have the original CMK-165 manual.
> I can scan it and send you via e-mail.
> (Not before 1 or 2 weeks).
>
> Best regards,
>
> Christophe B.
> QRV@w...
>
> http://perso.wanadoo.fr/geip/NRD525.htm
>
>
> --- In nrd-525-535@yahoogroups.com, "Tom Adams" <w9lbb@y...> wrote:
> >
> > Hello!
> >
> > Does anyone have the manual for the CMK-165 VHF / UHF Converter
option
> > for the NRD-525?
> >
> > I just got high bid on one on E-PAY, and I've got a suspicion
that a
> > manual WILL NOT be coming along with it!
> >
> > I'd like to get a Xerox copy; even better would be if somebody
could
> do
> > an upload to the FILES section of the group.
> >
> >
> > Thanks,

> >
> > Tom, W9LBB
> >
>

1062. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-10-28 19:14:06 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 1062

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /CMK165/P1.jpg
Uploaded by : christophe525 <QRV@...>
Description : Page 1 - CMK165 manual

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/CMK165/P1.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

christophe525 <QRV@...>

1063. specs on the NVA-88 speaker?

Yahoo group: nrd-525-535
Date: 2005-10-29 22:38:51 UTC
From: spence1943
Topic: 1063 Message: 1063

Does anyone have the specs on the JRC NVA-88 speaker? All I can find is that the list price was $62 in 1989.

What I'm looking for is performance information such as frequency response, etc. I'm thinking maybe I should replace the speaker with something better but keep the housing since it matches my 525 receiver.It seems to have an any awfully long housing with a fairly small speaker in front.

Any advice would be appreciated.

Thanks,
Spence

1064. Re: [nrd-525-535] specs on the NVA-88 speaker?

Yahoo group: nrd-525-535
Date: 2005-10-29 23:51:05 UTC
From: g3vvt@aol.com
Topic: 1063 Message: 1064

Hi Spence,

The important point with the NVA-88 is that it uses a speaker with a 4 ohms impedance voice coil where most radios and transceivers use 8 ohms.

Apart from having a cabinet that matches the NRD-525 and JST-135 colours, there is nothing else special with the speaker. I used an old Kenwood SP-230 with the speaker replaced for one with a 4 ohm voice coil for my JST-135 transceiver. This did not really match colour wise, but had the advantage of switch selectable frequency response on the speaker front and was approximately the correct size to match the radio. Had the correct NVA-88 with an NRD-525 and did not find it anything special as regards performance, though must admit that it looks good as a pair.

Regards,
Bob, G3VVT

1065. Re: CMK-165 VHF / UHF Converter Manual?

Yahoo group: nrd-525-535
Date: 2005-10-31 04:52:41 UTC
From: Tom Adams
Topic: 1053 Message: 1065

Howdy, Christopher!

Thanks for the upload!

73's,

Tom, W9LBB

--- In nrd-525-535@yahoogroups.com, "christophe525" <QRV@w...> wrote:
>
> Hello TOm,
>
> This is the new link to see my CMK-165 original manual:
>
> http://groups.yahoo.com/group/nrd-525-535/files/CMK165/
>
> Best regards,
> Christophe B.
> QRV@w...
> http://perso.wanadoo.fr/geip/NRD525En.htm
>
> --- In nrd-525-535@yahoogroups.com, "christophe525" <QRV@w...>
wrote:
> >
> > Hello Tom,
> >
> > I have the original CMK-165 manual.
> > I can scan it and send you via e-mail.
> > (Not before 1 or 2 weeks).
> >
> > Best regards,
> >
> > Christophe B.
> > QRV@w...
> >
> > http://perso.wanadoo.fr/geip/NRD525.htm
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "Tom Adams" <w9lbb@y...>
wrote:
> > >
> > > Hello!
> > >
> > > Does anyone have the manual for the CMK-165 VHF / UHF
Converter
> option

> > > for the NRD-525?
> > >
> > > I just got high bid on one on E-PAY, and I've got a suspicion
> that a
> > > manual WILL NOT be coming along with it!
> > >
> > > I'd like to get a Xerox copy; even better would be if somebody
> could
> > do
> > > an upload to the FILES section of the group.
> > >
> > >
> > > Thanks,
> > >
> > > Tom, W9LBB
> > >
> >
>

1066. Original RS-232 interface for sale

Yahoo group: nrd-525-535
Date: 2005-11-02 17:53:48 UTC
From: Reinhold Schuttkowski
Topic: 1054 Message: 1066

Hello, everybody!

I have an original JRC RS-232 interface for the NRD-525 for sale. It even has the original JRC package. If someone is interested please let me know. I can send some pictures, too.

Reinhold

1067. Re: [nrd-525-535] Original RS-232 interface for sale

Yahoo group: nrd-525-535
Date: 2005-11-02 18:31:12 UTC
From: Gus Schabas
Topic: 1054 Message: 1067

How much?
Thank you.

Reinhold Schuttkowski <reinholdschuttkowski@...> wrote:

Hello, everybody!

I have an original JRC RS-232 interface for the NRD-525 for sale. It even has the original JRC package. If someone is interested please let me know. I can send some pictures, too.

Reinhold

YAHOO! GROUPS LINKS

Visit your group "nrd-525-535" on the web.

To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Always remember to forget the troubles that pass your way; BUT NEVER forget the blessings that come each day

---
Yahoo! FareChase - Search multiple travel sites in one click.

1068. Re: [nrd-525-535] Original RS-232 interface for sale

Yahoo group: nrd-525-535
Date: 2005-11-03 15:04:51 UTC
From: Reinhold Schuttkowski
Topic: 1054 Message: 1068

Hello, Gus!

The interface is in very good condition including the necessary cable to
the PC. It was not used too often because of my lack of time. I thought
125 Euros would be a fair price. Shipping depends on where you are
living. I can send some pictures if you want to.

73, Reinhold

Gus Schabas schrieb:

> How much?
> Thank you.
>
>
> */Reinhold Schuttkowski <reinholdschuttkowski@...>/* wrote:
>
> Hello, everybody!
>
>
>
> I have an original JRC RS-232 interface for the NRD-525 for sale.
> It even has the original JRC package. If someone is interested
> please let me know. I can send some pictures, too.
>
>
>
> Reinhold
>
>
>
>
>
>
> *Always remember to forget the troubles that pass your way; BUT NEVER
> forget the blessings that come each day *
>
> ---
> Yahoo! FareChase - Search multiple travel sites in one click.
> <http://us.lrd.yahoo.com/_ylc=X3oDMTFqODRtdXQ4BF9TAzMyOTc1MDIEX3MDOTY2ODgxNjkEcG9zAzEEc2
VjA21haWwtZm9vdGVyBHNsawNmYw--/SIG=110oav78o/**http%3a//farechase.yahoo.com/>
>
> ---
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> Service <http://docs.yahoo.com/info/terms/>.
>
>
> --
>

1069. Just purchased a 525 and wondering about a potential problem...

Yahoo group: nrd-525-535
Date: 2005-11-06 16:04:00 UTC
From: Jim Hackett
Topic: 1069 Message: 1069

I noticed this morning while listening to Voice of Korea on 9335.
I was in lower sideband and happened to bump the power switch. How czn
I explain this...
It sounded like feedback through the speaker. Tap the power switch or
just part of the cabinet it sounds like I am tapping on a microphone.
If I turn the volume up loud, it does actually feedback. Is there
something wrong with the rig or is this a phenomena I'm not familiar
with. It doesn't seem to always do it, just under certain conditions
that I'm not too sure about.

1070. Re: [nrd-525-535] Just purchased a 525 and wondering about a potential problem...

Yahoo group: nrd-525-535
Date: 2005-11-06 16:36:19 UTC
From: ROBERT W BETTS
Topic: 1069 Message: 1070

It's called "microphonics" and happens whenever a component converts mechanical energy into electrical energy. This was very common in the tube radio days. My guess is that something in a high gain stage is mechanically loose. Maybe one of the filters. Does it always happen regardless of your filter setting, mode, particular gain settings, etc?
Bob

Jim Hackett <jim_hack@...> wrote:
I noticed this morning while listening to Voice of Korea on 9335.
I was in lower sideband and happened to bump the power switch. How czn
I explain this...
It sounded like feedback through the speaker. Tap the power switch or
just part of the cabinet it sounds like I am tapping on a microphone.
If I turn the volume up loud, it does actually feedback. Is there
something wrong with the rig or is this a phenomena I'm not familiar
with. It doesn't seem to always do it, just under certain conditions
that I'm not too sure about.

Yahoo! Groups Links

1071. Re: Just purchased a 525 and wondering about a potential problem...

Yahoo group: nrd-525-535
Date: 2005-11-06 18:01:45 UTC
From: Jim Hackett
Topic: 1069 Message: 1071

Well, now I can't get it to do it in any mode with any filter!
Yes, I have noticed that old rigs do this. I'll make a better note
of it next time it happens. Thanks for the speedy reply.

--- In nrd-525-535@yahoogroups.com, ROBERT W BETTS <rwbetts@s...>
wrote:
>
> It's called "microphonics" and happens whenever a component
converts mechanical energy into electrical energy. This was very
common in the tube radio days. My guess is that something in a high
gain stage is mechanically loose. Maybe one of the filters. Does it
always happen regardless of your filter setting, mode, particular
gain settings, etc?
> Bob
>
> Jim Hackett <jim_hack@y...> wrote:
> I noticed this morning while listening to Voice of Korea on 9335.
> I was in lower sideband and happened to bump the power switch. How
czn
> I explain this...
> It sounded like feedback through the speaker. Tap the power switch
or
> just part of the cabinet it sounds like I am tapping on a
microphone.
> If I turn the volume up loud, it does actually feedback. Is there
> something wrong with the rig or is this a phenomena I'm not
familiar
> with. It doesn't seem to always do it, just under certain
conditions
> that I'm not too sure about.
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> Yahoo! Groups Links
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1072. Re: Just purchased a 525 and wondering about a potential problem...

Yahoo group: nrd-525-535
Date: 2005-11-06 18:06:54 UTC
From: Jim Hackett
Topic: 1069 Message: 1072

Forgot to mention that previous to this 525, my "best" radio was an R-75. Good as it is, this 525 is far superior for digging tough stuff out of the mud! The ECSS ability is SUPERB. From all I've read about the 525, I was really expecting it to sound horrible. I see nothing wrong with the audio. Sounds much better than the R75 with it's stock speaker. I guess audio quality is subjective. This isn't a home theater system...

--- In nrd-525-535@yahoogroups.com, ROBERT W BETTS <rwbetts@s...> wrote:
>
> It's called "microphonics" and happens whenever a component converts mechanical energy into electrical energy. This was very common in the tube radio days. My guess is that something in a high gain stage is mechanically loose. Maybe one of the filters. Does it always happen regardless of your filter setting, mode, particular gain settings, etc?
> Bob
>
> Jim Hackett <jim_hack@y...> wrote:
> I noticed this morning while listening to Voice of Korea on 9335.
> I was in lower sideband and happened to bump the power switch. How czn
> I explain this...
> It sounded like feedback through the speaker. Tap the power switch or
> just part of the cabinet it sounds like I am tapping on a microphone.
> If I turn the volume up loud, it does actually feedback. Is there
> something wrong with the rig or is this a phenomena I'm not familiar
> with. It doesn't seem to always do it, just under certain conditions
> that I'm not too sure about.
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> Yahoo! Groups Links
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1073. Re: [nrd-525-535] Re: Just purchased a 525 and wondering about a potential problem...

Yahoo group: nrd-525-535
Date: 2005-11-06 18:24:41 UTC
From: ROBERT W BETTS
Topic: 1069 Message: 1073

Very true, Jim.
I have an R-75 which REQUIRES an external speaker ... otherwise I'd sell it. It's a hot little radio and the external audio is fine, but the sync sideband stinks (useless). My NRD-535 and 545 are much more radio -- in every sense of the term -- but then, to be fair about it, there is a pretty large $$$ difference.
Enjoy the 525 ... they are keepers.
Bob

Jim Hackett <jim_hack@...> wrote:
Forgot to mention that previous to this 525, my "best" radio was an R-75. Good as it is, this 525 is far superior for digging tough stuff out of the mud! The ECSS ability is SUPERB. From all I've read about the 525, I was really expecting it to sound horrible. I see nothing wrong with the audio. Sounds much better than the R75 with it's stock speaker. I guess audio quality is subjective. This isn't a home theater system...

--- In nrd-525-535@yahoogroups.com, ROBERT W BETTS wrote:
>
> It's called "microphonics" and happens whenever a component converts mechanical energy into electrical energy. This was very common in the tube radio days. My guess is that something in a high gain stage is mechanically loose. Maybe one of the filters. Does it always happen regardless of your filter setting, mode, particular gain settings, etc?
> Bob
>
> Jim Hackett wrote:
> I noticed this morning while listening to Voice of Korea on 9335.
> I was in lower sideband and happened to bump the power switch. How czn
> I explain this...
> It sounded like feedback through the speaker. Tap the power switch or
> just part of the cabinet it sounds like I am tapping on a microphone.
> If I turn the volume up loud, it does actually feedback. Is there
> something wrong with the rig or is this a phenomena I'm not familiar
> with. It doesn't seem to always do it, just under certain conditions
> that I'm not too sure about.
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> Yahoo! Groups Links
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Yahoo! Groups Links

1074. Re: [nrd-525-535] Re: Just purchased a 525 and wondering about a potential problem...

Yahoo group: nrd-525-535
Date: 2005-11-06 18:37:07 UTC
From: William H. Bowen
Topic: 1069 Message: 1074

Jim,

Glad you are happy with the 525 - they are
indeed great radios.

As to you "microphonic" propblem - was
that radio shipped to you? Reason I ask is I'll
almost bet you lunch one of the circuit
boards in the radio has come abit loose due
to the vibration of shipping.

Take the top cover off and GENTLY but
firmly press down on the top of each circuit
board and make sure they are seated fully
into the motherboard. See if that just might
fix the problem.

Regards,
Bill Bowen
Sacramento, CA USA

To: nrd-525-535@yahoogroups.com
From: "Jim Hackett" <jim_hack@...>
Date sent: Sun, 06 Nov 2005 18:06:54 -0000
Subject: [nrd-525-535] Re: Just purchased a 525 and wondering about a potential problem...
Send reply to: nrd-525-535@yahoogroups.com

> Forgot to mention that previous to this 525, my "best" radio was an
> R-75. Good as it is, this 525 is far superior for digging tough
> stuff out of the mud! The ECSS ability is SUPERB. From all I've read
> about the 525, I was really expecting it to sound horrible. I see
> nothing wrong with the audio. Sounds much better than the R75 with
> it's stock speaker. I guess audio quality is subjective. This
> isn't a home theater system...
>
>
> --- In nrd-525-535@yahoogroups.com, ROBERT W BETTS <rwbetts@s...>
> wrote:
> >
> > It's called "microphonics" and happens whenever a component
> converts mechanical energy into electrical energy. This was very
> common in the tube radio days. My guess is that something in a high
> gain stage is mechanically loose. Maybe one of the filters. Does it
> always happen regardless of your filter setting, mode, particular
> gain settings, etc?

> > Bob
> >
> > Jim Hackett <jim_hack@y...> wrote:
> > I noticed this morning while listening to Voice of Korea on 9335.
> > I was in lower sideband and happened to bump the power switch. How
> czn
> > I explain this...
> > It sounded like feedback through the speaker. Tap the power switch
> or
> > just part of the cabinet it sounds like I am tapping on a
> microphone.
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> > something wrong with the rig or is this a phenomena I'm not
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> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.362 / Virus Database: 267.12.8/162 - Release Date: 11/5/2005
>

1075. Re: Just purchased a 525 and wondering about a potential problem...

Yahoo group: nrd-525-535
Date: 2005-11-06 19:34:53 UTC
From: Jim Hackett
Topic: 1069 Message: 1075

Yep. Shipped from Washington state. Box was too bumped up but did
have a corner crunch. Radio was double boxed VERY WELL but it could
have bumped something loose. Haven't seen the issue again...

--- In nrd-525-535@yahoogroups.com, "William H. Bowen"
<wh_bowen@s...> wrote:
>
> Jim,
>
> Glad you are happy with the 525 - they are
> indeed great radios.
>
> As to you "microphonic" propblem - was
> that radio shipped to you? Reason I ask is I'll
> almost bet you lunch one of the circuit
> boards in the radio has come abit loose due
> to the vibration of shipping.
>
> Take the top cover off and GENTLY but
> firmly press down on the top of each circuit
> board and make sure they are seated fully
> into the motherboard. See if that just might
> fix the problem.
>
> Regards,
> Bill Bowen
> Sacramento, CA USA
>
>
>
> To: nrd-525-535@yahoogroups.com
> From: "Jim Hackett" <jim_hack@y...>
> Date sent: Sun, 06 Nov 2005 18:06:54 -0000
> Subject: [nrd-525-535] Re: Just purchased a 525 and
wondering about a potential problem...
> Send reply to: nrd-525-535@yahoogroups.com
>
> > Forgot to mention that previous to this 525, my "best" radio was
an
> > R-75. Good as it is, this 525 is far superior for digging tough
> > stuff out of the mud! The ECSS ability is SUPERB. From all I've
read
> > about the 525, I was really expecting it to sound horrible. I
see
> > nothing wrong with the audio. Sounds much better than the R75

with
> > it's stock speaker. I guess audio quality is subjective. This
> > isn't a home theater system...
> >
> >
> > --- In nrd-525-535@yahoogroups.com, ROBERT W BETTS
<rwbetts@s...>
> > wrote:
> > >
> > > It's called "microphonics" and happens whenever a component
> > converts mechanical energy into electrical energy. This was very
> > common in the tube radio days. My guess is that something in a
high
> > gain stage is mechanically loose. Maybe one of the filters. Does
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> > always happen regardless of your filter setting, mode,
particular
> > gain settings, etc?
> > > Bob
> > >
> > > Jim Hackett <jim_hack@y...> wrote:
> > > I noticed this morning while listening to Voice of Korea on
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> > > I was in lower sideband and happened to bump the power switch.
How
> > czn
> > > I explain this...
> > > It sounded like feedback through the speaker. Tap the power
switch
> > or
> > > just part of the cabinet it sounds like I am tapping on a
> > microphone.
> > > If I turn the volume up loud, it does actually feedback. Is
there
> > > something wrong with the rig or is this a phenomena I'm not
> > familiar
> > > with. It doesn't seem to always do it, just under certain
> > conditions
> > > that I'm not too sure about.
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> > --
> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.1.362 / Virus Database: 267.12.8/162 - Release Date:
11/5/2005
> >
>

1076. Re: Just purchased a 525 and wondering about a potential problem...

Yahoo group: nrd-525-535
Date: 2005-11-06 22:41:07 UTC
From: Alberto I2PHD
Topic: 1069 Message: 1076

Jim Hackett wrote:
> Forgot to mention that previous to this 525, my "best" radio was an
> R-75. Good as it is, this 525 is far superior for digging tough
> stuff out of the mud! The ECSS ability is SUPERB. From all I've read
> about the 525, I was really expecting it to sound horrible. I see
> nothing wrong with the audio. Sounds much better than the R75 with
> it's stock speaker. I guess audio quality is subjective. This
> isn't a home theater system...
>

Hmmm, I have both, and I don't see much difference between the two...
I have a coax switch that can instantaneously switch the antenna to
one radio or to the other, just to do an A/B test, and they seem to
have the same sensitivity and audio quality.
With neither of them I use the internal speaker (radios should be
manufactured *without* internal speakers...), I have two identical
external communication grade speakers.

To be honest, the NRD-525 has a residual background hiss when without
antenna that the R75 doesn't have, but with the antenna connected it
is no more objectionable.

You talk of the ECSS capability, so I suppose you have a modified 525
with the Kiwa add-on, so maybe in your case the situation is different...

If I were forced to choose which one to keep, I would be in a serious
dilemma...

73 Alberto I2PHD
P.S. I am not much interested in AM reception, but only in weak CW
and SSB signals, so this also must be taken into consideration.

1077. Re: Just purchased a 525 and wondering about a potential problem...

Yahoo group: nrd-525-535
Date: 2005-11-07 05:11:42 UTC
From: Jim Hackett
Topic: 1069 Message: 1077

As far as I know, it is stock with the exception of a Collins .5khz narrow filter...

--- In nrd-525-535@yahoogroups.com, Alberto I2PHD <i2phd@w...> wrote:
>
> Jim Hackett wrote:
> > Forgot to mention that previous to this 525, my "best" radio was an
> > R-75. Good as it is, this 525 is far superior for digging tough
> > stuff out of the mud! The ECSS ability is SUPERB. From all I've read
> > about the 525, I was really expecting it to sound horrible. I see
> > nothing wrong with the audio. Sounds much better than the R75 with
> > it's stock speaker. I guess audio quality is subjective. This
> > isn't a home theater system...
> >
>
> Hmmm, I have both, and I don't see much difference between the two...
> I have a coax switch that can instantaneously switch the antenna to
> one radio or to the other, just to do an A/B test, and they seem to
> have the same sensitivity and audio quality.
> With neither of them I use the internal speaker (radios should be
> manufactured *without* internal speakers...), I have two identical
> external communication grade speakers.
>
> To be honest, the NRD-525 has a residual background hiss when without
> antenna that the R75 doesn't have, but with the antenna connected it
> is no more objectionable.
>
> You talk of the ECSS capability, so I suppose you have a modified 525
> with the Kiwa add-on, so maybe in your case the situation is different...
>
> If I were forced to choose which one to keep, I would be in a serious
> dilemma...
>
> 73 Alberto I2PHD
> P.S. I am not much interested in AM reception, but only in weak CW

> and SSB signals, so this also must be taken into consideration.
>

1078. Potential 525 For sale

Yahoo group: nrd-525-535
Date: 2005-11-07 14:05:56 UTC
From: rebyonok1
Topic: 1078 Message: 1078

Hi all,

I purchased a NRD-525 off eBay back in May 2004. I got married back in October 04, and have not really touched it since. Would anyone from this group be interested? I figured I'd get an idea from you folks before I try eBay, or someone like Universal.

It's in good condition as far as I can tell. I also have a Drake R8 I want to get rid of, but i'll post something about that in the Drake R8 group.

Let me know if there is any interest.

Thanks

1079. SLOW AGC too fast?

Yahoo group: nrd-525-535
Date: 2005-11-08 02:38:18 UTC
From: Jim Hackett
Topic: 1079 Message: 1079

Am I the only one who thinks the s-l-o-w setting on the AGC could stand to be even slower? Has anyone here done this?

1080. Re: [nrd-525-535] SLOW AGC too fast?

Yahoo group: nrd-525-535
Date: 2005-11-08 11:16:35 UTC
From: g3vvt@aol.com
Topic: 1079 Message: 1080

Hi Jim,

Try turning down the RF (IF) gain as this can sometime slow down the effect of the AGC.

I normally run my earlier NRD-515 at 50% RF gain control rotation whenever possible which brings up the S meter to a minimum of about S6. This really does slow down the AGC effect to a much more gradual decay, though does not seem to effect the AGC attack time which is very quick. Sold the NRD-525 to buy the rare NSD-515/NRD-515 combination, so unable to check the effect any more.

Looking at the schematic for the NRD-525, CAE-182 IF amp, the components that could effect AGC Slow are C79 (4.7uF) and C80 (1uF). These components are isolated from circuit by the 4066 quad bilateral switch section in IC8 being switched off when AGC Fast is selected.

A trial on carefully bridging these two capacitors in turn with a series of slightly larger capacitors to note the effects should pay dividends. Too long an AGC delay has a downside in too slow a recovery after a large signal appears at the receiver input.

Regards,
Bob, G3VVT

1081. Re: SLOW AGC too fast?

Yahoo group: nrd-525-535
Date: 2005-11-08 15:35:43 UTC
From: Jim Hackett
Topic: 1079 Message: 1081

While I'm not an electronics engineer, (I don't even play one on tv), I DO have the service manual and a soldering iron and I'm not afraid to use it ;) I CAN follow instructions. I did the Rado synch mod to my R-75 and have modded several scanners. I don't know if it's an illusion or not but the AGC seems much slower on the Sat-800 than on the 525 or the R-75 resulting in a "smoother ride". I added some capacitance to the AGC circuit in the R-75 to slow it down but didn't really notice much of a difference. I did just get the 525 so I'm not sure yet that it is REALLY an issue. I was just wondering what others thought about it. Thanks for the reply...

--- In nrd-525-535@yahoogroups.com, g3vvt@a... wrote:
>
> Hi Jim,
>
> Try turning down the RF (IF) gain as this can sometime slow down the effect
> of the AGC.
>
> I normally run my earlier NRD-515 at 50% RF gain control rotation whenever
> possible which brings up the S meter to a minimum of about S6. This really does
> slow down the AGC effect to a much more gradual decay, though does not seem
> to effect the AGC attack time which is very quick. Sold the NRD-525 to buy
> the rare NSD-515/NRD-515 combination, so unable to check the effect any more.
>
> Looking at the schematic for the NRD-525, CAE-182 IF amp, the components
> that could effect AGC Slow are C79 (4.7uF) and C80 (1uF). These components are
> isolated from circuit by the 4066 quad bilateral switch section in IC8 being
> switched off when AGC Fast is selected.
>
> A trial on carefully bridging these two capacitors in turn with a series of
> slightly larger capacitors to note the effects should pay dividends. Too long
> an AGC delay has a downside in too slow a recovery after a large signal
> appears at the receiver input.

>
> Regards,
> Bob, G3VVT
>

1082. Re: [nrd-525-535] Re: SLOW AGC too fast?

Yahoo group: nrd-525-535
Date: 2005-11-08 15:57:38 UTC
From: Kenneth Wilson
Topic: 1079 Message: 1082

Jim,

One thing to consider..... many of the 525's were
modified to speed up the AGC for DXing.

Did you buy this 525 used ?

When you get into it let us know if the parts in it
are "stock"

73, Ken KG4BIG

--- Jim Hackett <jim_hack@...> wrote:

> While I'm not an electronics engineer, (I don't even
> play one on
> tv), I DO have the service manual and a soldering
> iron and I'm not
> afraid to use it ;) I CAN follow instructions. I
> did the Rado
> synch mod to my R-75 and have modded several
> scanners. I don't know
> if it's an illusion or not but the AGC seems much
> slower on the Sat-
> 800 than on the 525 or the R-75 resulting in a
> "smoother ride". I
> added some capacitance to the AGC circuit in the
> R-75 to slow it
> down but didn't really notice much of a difference.
> I did just get
> the 525 so I'm not sure yet that it is REALLY an
> issue. I was just
> wondering what others thought about it. Thanks for
> the reply...
>
>
> --- In nrd-525-535@yahoogroups.com, g3vvt@a...
> wrote:
> >
> > Hi Jim,
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> > Try turning down the RF (IF) gain as this can
> sometime slow down
> the effect
> > of the AGC.
> >

> > I normally run my earlier NRD-515 at 50% RF gain
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> > possible which brings up the S meter to a minimum
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> switch section in
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> > Regards,
> > Bob, G3VVT
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1083. Re: SLOW AGC too fast?

Yahoo group: nrd-525-535
Date: 2005-11-08 16:15:59 UTC
From: Jim Hackett
Topic: 1079 Message: 1083

Yep. Bought it used from a ham. I was under the impression "he"
didn't touch it but someone did cause it has a Collins
Mechanical .5khz filter in the narrow slot.

--- In nrd-525-535@yahoogroups.com, Kenneth Wilson <kg4big@y...>
wrote:
>
> Jim,
>
> One thing to consider..... many of the 525's were
> modified to speed up the AGC for DXing.
>
> Did you buy this 525 used ?
>
> When you get into it let us know if the parts in it
> are "stock"
>
> 73, Ken KG4BIG
>
> --- Jim Hackett <jim_hack@y...> wrote:
>
> > While I'm not an electronics engineer, (I don't even
> > play one on
> > tv), I DO have the service manual and a soldering
> > iron and I'm not
> > afraid to use it ;) I CAN follow instructions. I
> > did the Rado
> > synch mod to my R-75 and have modded several
> > scanners. I don't know
> > if it's an illusion or not but the AGC seems much
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> > 800 than on the 525 or the R-75 resulting in a
> > "smoother ride". I
> > added some capacitance to the AGC circuit in the
> > R-75 to slow it
> > down but didn't really notice much of a difference.
> > I did just get
> > the 525 so I'm not sure yet that it is REALLY an
> > issue. I was just
> > wondering what others thought about it. Thanks for
> > the reply...
> >
> >
> > --- In nrd-525-535@yahoogroups.com, g3vvt@a...
> > wrote:

> > >
> > > Hi Jim,
> > >
> > > Try turning down the RF (IF) gain as this can
> > sometime slow down
> > the effect
> > > of the AGC.
> > >
> > > I normally run my earlier NRD-515 at 50% RF gain
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> > of about S6.
> > This really does
> > > slow down the AGC effect to a much more gradual
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> > > Looking at the schematic for the NRD-525, CAE-182
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> > components
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> > (1uF). These
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> > > A trial on carefully bridging these two capacitors
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> > > an AGC delay has a downside in too slow a
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> > > Regards,
> > > Bob, G3VVT
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1084. Re: [nrd-525-535] SLOW AGC too fast?

Yahoo group: nrd-525-535
Date: 2005-11-08 18:13:11 UTC
From: John Reed
Topic: 1079 Message: 1084

----- Original Message -----
From: "Jim Hackett" <jim_hack@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, November 07, 2005 8:38 PM
Subject: [nrd-525-535] SLOW AGC too fast?

Here's what ESKA had to say about the 525 AGC before they went out of business:

1. The attack time is much too fast. Short electrical noise pulses cause the AGC to react and deafen the receiver.
2. The AGC is overshooting before settling on its final value.
3. In the FAST mode, the AGC is useless for AM and SSB as the response time is too fast.
4. The AGC voltage is not clean, meaning that AM modulation appears on the AGC line which is giving distortion on AM signals.

They had a kit to fix all these things. It is possible to add capacitors in the AGC circuit to help the fast reaction time. Dallas Lankford has several writeups on the 525 AGC system.

John Reed

> Am I the only one who thinks the s-l-o-w setting on the AGC could
> stand to be even slower? Has anyone here done this?
>
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1085. CMK-165 Converter impressions

Yahoo group: nrd-525-535
Date: 2005-11-08 22:13:54 UTC
From: Tom Adams
Topic: 1085 Message: 1085

Greetings, Troops!

At long last the UPS person arrived with my CMK-165 converter. I was fortunate enough to be on my day off today, so no time was lost in installing the beastie and giving it a test drive.

Installation isn't a problem at all, requiring only a Phillips head screwdriver and a pair of needle nose pliers. Said pliers aren't an absolute necessity if you have skinny fingers (I don't); they're useful for putting washers and nuts on the screws that secure the antenna connectors to the rear panel of the receiver. A pair of locking forceps would make it even easier.

Besides the two coaxial connectors, all that has to be done is insert the two boards (the RF front end board, CHE-85, and the VHF-UHF local oscillator board CGA-118) into thier respective slots in the receiver card cage. Attach the jumpers from the coax connectors to thier sockets on the front end board and you're all done. About 15 minutes at the most and you're finished.

I didn't have really high expectations for the performance of the converter; I've been down this road before with the VHF converter option board in my Drake R8.

These converter option boards have to be taken in context. Neither the R8 or the NRD-525 weren't designed to be VHF/UHF receivers; the boards give the rigs some extra versatility, and are NOT meant to be the be all and end all of VHF reception.

Just the same tho, performance is quite reasonable for an HF rig with an add-on board.

In some ways, the NRD-525 converter outperforms the R8 board. The Drake board has a great many internally generated "birdies" that are a bother; they make scanning functions on VHF impossible. There are SOME birdies in the NRD-525 converter (especially on UHF), but they don't seem to be a crippling fault EXCEPT on UHF.

The NRD-525 is inferior to the R8 converter in one respect; front end overloading. Low band is fine, but on high band VHF the intermod from FM broadcasters is an irritation below about 130 MHz, and above 160 MHz the NOAA weather radio across town was providing some of it's own problems (we're running the big radio here; 1000 watts forward power into a 6 DB gain omnidirectional antenna. It's the hottest signal in high business band here).

To be fair re. the FM overloading tho... I have an FM transmitter site about a mile away from me. Except for purpose design VHF rigs, I have some intermod from it on all receivers, except for my trusty old Rat Shack PRO-2004 scanner.

On UHF I'd expected many more overloading problems; this is a UHF TV town. However much to my surprise the intermod, while definitely present, isn't as fierce as I'd expected, and is better than high band VHF.

My gut reaction is that the introduction of a 10 or 12 DB attenuator pad in the antenna line would help a great deal with the intermod characteristics. Alternatively, a band stop filter that chokes off the FM broadcast band would be even more effective.

Sensitivity is MORE than adequate on low VHF; the NRD-525 is now another receiver that picks up the cordless phones and baby monitors around the neighborhood in very good fashion.

Ditto high VHF; the ATIS radio at Truax Field (about 10 miles away) puts in a quite good signal with my discone hooked up. Tho this receiver doesn't have adequate bandwidth to copy it, the FAX signals from the NOAA weather satellites come roarijng in loud and clear on a QFL antenna, even without the antenna mounted preamplifier in the line.

On UHF the sensitivity seems to be a bit lower than I'd like, but it's still adequate to do the job in most cases. I'll probably be taking the receivwer to work to do an alignment of the UHF band to see if I can get a bit more sensitivity.

On a scale of 1 to 10, I'd rate the converter an 7 or 8. It does a quite adequate job unless you're doing a job that demands the very ultimate in performance on VHF... and if you added appropriate front end filtering for your job, my rating would probably go to an 8 or 9.

In any event, it certainly makes the NRD-525 a more useful bit of weaponry.

73's,

Tom, W9LBB

1086. NRD 535Db Lithium Cell Failure

Yahoo group: nrd-525-535
Date: 2005-11-09 00:51:38 UTC
From: John Dokulil
Topic: 1086 Message: 1086

This Concerns my NRD 535Db with Kiwa modifications

Replacing the Lithium cell (CR2032-1HS) every couple of years has now become tiresome at best (I am averaging under 2 years per cell). Not to mention the effort involved trying to find someone who sells such a creature that has NOT been sitting on a shelf for the past 3 to 5 years before being sold to me.

This cell set up has GOT TO GO. Has any one tried using a Lithium CR123A cell or better so to get at LEAST more than a couple of years of volatile memory power?

Any ideas would be appreciated.

John Dokulil
WDX6GMX

1087. Re: [nrd-525-535] NRD 535Db Lithium Cell Failure

Yahoo group: nrd-525-535
Date: 2005-11-09 02:54:29 UTC
From: Brian Denley
Topic: 1086 Message: 1087

John Dokulil wrote:
> This Concerns my NRD 535Db with Kiwa modifications.
>
> Replacing the Lithium cell (CR2032-1HS) every couple of years has now
> become tiresome at best (I am averaging under 2 years per cell). Not
> to mention the effort involved trying to find someone who sells such a
> creature that has NOT been sitting on a shelf for the past 3 to 5
> years before being sold to me.
>
> This cell set up has GOT TO GO. Has any one tried using a Lithium
> CR123A cell or better so to get at LEAST more than a couple of years
> of volatile memory power?
>
> Any ideas would be appreciated.
>
> John Dokulil
> WDX6GMX
>
>

This is the first I have heard of a battery issue with the 535Db. Has anyone else noticed a short battery life? Is this common for the 535Db?

Brian Denley
http://home.comcast.net/~b.denley/index.html

1088. Re: NRD 535Db Lithium Cell Failure

Yahoo group: nrd-525-535
Date: 2005-11-09 05:39:42 UTC
From: arne_at_cox_net
Topic: 1086 Message: 1088

My 535D, which I bought new 11 years ago, still has the original lithium cell installed, and keeps its memory just fine.

Arne

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@c...> wrote:
>
> John Dokulil wrote:
> > This Concerns my NRD 535Db with Kiwa modifications.
> >
> > Replacing the Lithium cell (CR2032-1HS) every couple of years has now
> > become tiresome at best (I am averaging under 2 years per cell). Not
> > to mention the effort involved trying to find someone who sells such a
> > creature that has NOT been sitting on a shelf for the past 3 to 5
> > years before being sold to me.
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> > This cell set up has GOT TO GO. Has any one tried using a Lithium
> > CR123A cell or better so to get at LEAST more than a couple of years
> > of volatile memory power?
> >
> > Any ideas would be appreciated.
> >
> > John Dokulil
> > WDX6GMX
> >
> >
>
> This is the first I have heard of a battery issue with the 535Db. Has
> anyone else noticed a short battery life? Is this common for the 535Db?
>
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>

1089. Re: [nrd-525-535] Re: NRD 535Db Lithium Cell Failure

Yahoo group: nrd-525-535
Date: 2005-11-09 07:57:03 UTC
From: W. Curt Deegan
Topic: 1086 Message: 1089

Well, you've certainly brought to my attention something I either never knew or had forgotten, that my NRD-535D has a battery in it.

Sure enough, right there in the user manual are instructions related to the lithium battery -- good for at least 5 years it says.

Fortunately, in spite of, or possibly in sympathy for my ignorance, the 535D I've had for over 12 years has never had a battery problem.

Is it possible the battery problem has to do with the tinkering that has been done?

Curt

W. Curt Deegan
Boca Raton, (Southeast) Florida

arne_at_cox_net wrote:

> My 535D, which I bought new 11 years ago, still has the original
> lithium cell installed, and keeps its memory just fine.
>
> Arne
>
> --- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@c...>
> wrote:
> >
> > John Dokulil wrote:
> > > This Concerns my NRD 535Db with Kiwa modifications.
> > >
> > > Replacing the Lithium cell (CR2032-1HS) every couple of years has
> now
> > > become tiresome at best (I am averaging under 2 years per cell).
> Not
> > > to mention the effort involved trying to find someone who sells
> such a
> > > creature that has NOT been sitting on a shelf for the past 3 to 5
> > > years before being sold to me.
> > >
> > > This cell set up has GOT TO GO. Has any one tried using a Lithium
> > > CR123A cell or better so to get at LEAST more than a couple of
> years
> > > of volatile memory power?
> > >
> > > Any ideas would be appreciated.
> > >
> > > John Dokulil

> > > WDX6GMX
> > >
> > >
> >
> > This is the first I have heard of a battery issue with the 535Db.
> Has
> > anyone else noticed a short battery life? Is this common for the
> 535Db?
> >
> > Brian Denley
> > http://home.comcast.net/~b.denley/index.html
> <http://home.comcast.net/%7Eb.denley/index.html>
> >
>

1090. Re: [nrd-525-535] NRD 535Db Lithium Cell Failure

Yahoo group: nrd-525-535
Date: 2005-11-09 08:17:41 UTC
From: gandalfg8@aol.com
Topic: 1086 Message: 1090

In a message dated 09/11/2005 03:23:41 GMT Standard Time,
b.denley@... writes:

This is the first I have heard of a battery issue with the 535Db. Has
anyone else noticed a short battery life? Is this common for the 535Db?

Excuse my ignorance but what's a 535Db?
I know the D had all the bells and whistles already fitted, not available
here in the UK so spent quite a lot upgrading my 535, but I've seen a few
references to the 535Db and don't know what the "b" implies.
Was this a later version and, if so, what were the diferences?

As to battery life, I bought my set new in the early 90s and haven't had to
replace the battery yet.
The set's in storage at the moment and not used for about a year but up to
that point it had lasted 11 or 12 years.

regards

Nigel
G8PZR

1091. I should Clarify my Battery problem

Yahoo group: nrd-525-535
Date: 2005-11-09 09:18:26 UTC
From: John Dokulil
Topic: 1091 Message: 1091

I should clarify the problem

The original cell that came with the Receiver did last some 10 years.

The problem is that ALL the cells which I have purchased since have NOT lasted longer than 3 years. Every where I have gotten the batteries from have NOT sold me new ones, but Old ones which have sat on the dealers shelf for quite a number of years before getting to me. No dealer will guaranty that the battery sold is new nor will they guaranty it's supposed 6 to 10 year life span. One battery sold to me via the internet had passed it's expiration date 5 years before I even got it.

So it's not the battery, nor my Receiver, but the ready availability of GOOD batteries. Also the battery used is not easy to find. It's not like the Lithium CR123A cell which can be found at any K-mart, Sears, Longs Drugs, or your neighborhood camera store. Most distributors of CR2032-1HS cells only have a few in stock, and are NOT new, but have sat around for several years, some even past their expiration date.

So my questions are
- Has any one tried using another 3v Lithium in place of the stock cell, such as the CR123A?
- Or where can I acquire a GUARANTIED NEW CR2032-1HS Cell?

Thanks
John Dokulil
WDX6GMX

1092. Re: [nrd-525-535] I should Clarify my Battery problem

Yahoo group: nrd-525-535
Date: 2005-11-09 11:28:24 UTC
From: g3vvt@aol.com
Topic: 1091 Message: 1092

Hi John,

As the problem you are seeing with the short life span of the lithium cells you have available locally, suggest you try a different approach. Pick another type of cell that will fit the location in the NRD-525/535 as regards size and adapt the new cell to electrically work in the location. This way you can use a lithium cell that has wider application and the dealers stocks are not out of date.

I have a Standard C500 H/H radio that would "eat" a similar cell in 6 months. Ended up using a variety of lithium cells with that radio, even to the extent of soldering connecting wires to the cell for connection. This can be done if you work reasonably fast and ensure you maintain the correct polarity. The problem turned out in the end to be due to a modification that had been done to the radio for our UK market had missed out a vital coupling capacitor and was allowing the lithium memory back up cell to discharge via the new circuitry. A variety of batteries could be adapted as long as the correct 3V is supplied. My NRD-515 uses a pair of 1.5V AA cells in a two cell battery holder attached to the rear of the radio.

Not rocket science, but it works.

Regards,
Bob, G3VVT

1093. 535D Battery problem - CR2032-x sources

Yahoo group: nrd-525-535
Date: 2005-11-09 15:08:24 UTC
From: Bill Cotter
Topic: 1091 Message: 1093

John,

The first place to try is JRC themselves. Not the
retail face, but someone in JRC who handled the
525/535/D line servicing. That would be:

Japan Radio Co., Ltd.
New York Office
2125 Center Ave., Suite 208
Fort Lee, NJ 07024
Tel.: (201) 242-1882
Fax: (201) 242-1885
Mobile: (201) 314-4459
mailto://peterkito@...

I have made several purchases over the past few
years: service manual, TCXO kit, battery and
extender card. Some items were in the NJ
warehouse, others came from Japan and took a month.

The next place would be to check one of the BIG
battery houses. One I use for lithium cells used
in older GE commercial control heads (pre-NVRAM) is
Battery Mart:

solder-in: http://www.batterymart.com/battery.mv?p=LAP-CR2032-1GU
wire-in: http://www.batterymart.com/battery.mv?p=LAP-CR2032-TPX
button: http://www.batterymart.com/battery.mv?p=BAT-CR2032

In your case I would not hesitate to use the
wire-in battery if I could not find the -1HS part number.

73 bill n4alg

At 04:18 AM 11/9/2005, you wrote:
>I should clarify the problem
>
>The original cell that came with the Receiver did last some 10
>years.
>
>The problem is that ALL the cells which I have purchased since have
>NOT lasted longer than 3 years. Every where I have gotten the
>batteries from have NOT sold me new ones, but Old ones which have
>sat on the dealers shelf for quite a number of years before getting
>to me. No dealer will guaranty that the battery sold is new nor
>will they guaranty it's supposed 6 to 10 year life span. One
>battery sold to me via the internet had passed it's expiration date

>5 years before I even got it.
>
>So it's not the battery, nor my Receiver, but the ready availability
>of GOOD batteries. Also the battery used is not easy to find. It's
>not like the Lithium CR123A cell which can be found at any K-mart,
>Sears, Longs Drugs, or your neighborhood camera store. Most
>distributors of CR2032-1HS cells only have a few in stock, and are
>NOT new, but have sat around for several years, some even past their
>expiration date.
>
>So my questions are
>- Has any one tried using another 3v Lithium in place of the stock
>cell, such as the CR123A?
>- Or where can I acquire a GUARANTIED NEW CR2032-1HS Cell?
>
>Thanks
>John Dokulil
>WDX6GMX
>
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Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

1094. Re: [nrd-525-535] NRD 535Db Lithium Cell Failure

Yahoo group: nrd-525-535
Date: 2005-11-09 16:02:21 UTC
From: ROBERT W BETTS
Topic: 1086 Message: 1094

I've had mine about 8-10 years, no problems.
Awww, now that I say it, it'll probably need a battery...
Bob

Brian Denley <b.denley@...> wrote:
John Dokulil wrote:
> This Concerns my NRD 535Db with Kiwa modifications.
>
> Replacing the Lithium cell (CR2032-1HS) every couple of years has now
> become tiresome at best (I am averaging under 2 years per cell). Not
> to mention the effort involved trying to find someone who sells such a
> creature that has NOT been sitting on a shelf for the past 3 to 5
> years before being sold to me.
>
> This cell set up has GOT TO GO. Has any one tried using a Lithium
> CR123A cell or better so to get at LEAST more than a couple of years
> of volatile memory power?
>
> Any ideas would be appreciated.
>
> John Dokulil
> WDX6GMX
>
>

This is the first I have heard of a battery issue with the 535Db. Has
anyone else noticed a short battery life? Is this common for the 535Db?

Brian Denley
http://home.comcast.net/~b.denley/index.html

Yahoo! Groups Links

1095. Re: [nrd-525-535] I should Clarify my Battery problem

Yahoo group: nrd-525-535
Date: 2005-11-09 16:12:05 UTC
From: ROBERT W BETTS
Topic: 1091 Message: 1095

John:
When I upgraded some of my equipment, like my Kenwood 940 which uses 2 of them, I was told by a friend of mine, who worked for Duracell here, to get the button batteries at at a well-traveled camera shop if I wanted fresh stock.
Hope this helps,
Bob

John Dokulil <jdokulil@...> wrote:
I should clarify the problem?

The original cell that came with the Receiver did last some 10 years.

The problem is that ALL the cells which I have purchased since have NOT lasted longer than 3 years. Every where I have gotten the batteries from have NOT sold me new ones, but Old ones which have sat on the dealers shelf for quite a number of years before getting to me. No dealer will guaranty that the battery sold is new nor will they guaranty it's supposed 6 to 10 year life span. One battery sold to me via the internet had passed it's expiration date 5 years before I even got it.

So it's not the battery, nor my Receiver, but the ready availability of GOOD batteries. Also the battery used is not easy to find. It's not like the Lithium CR123A cell which can be found at any K-mart, Sears, Longs Drugs, or your neighborhood camera store. Most distributors of CR2032-1HS cells only have a few in stock, and are NOT new, but have sat around for several years, some even past their expiration date.

So my questions are?
- Has any one tried using another 3v Lithium in place of the stock cell, such as the CR123A?
- Or where can I acquire a GUARANTIED NEW CR2032-1HS Cell?

Thanks
John Dokulil
WDX6GMX

Yahoo! Groups Links

1096. update: 535D Battery problem - CR2032-x sources

Yahoo group: nrd-525-535
Date: 2005-11-09 16:16:20 UTC
From: Bill Cotter
Topic: 1096 Message: 1096

John,

The first place to try is JRC themselves. Not the
retail face, but someone in JRC who handled the
525/535/D line servicing. That would be:

---> Peter Kito
Japan Radio Co., Ltd.
New York Office
2125 Center Ave., Suite 208
Fort Lee, NJ 07024
Tel.: (201) 242-1882
Fax: (201) 242-1885
Mobile: (201) 314-4459
mailto://peterkito@...

I have made several purchases over the past few
years: service manual, TCXO kit, battery and
extender card. Some items were in the NJ
warehouse, others came from Japan and took a month.

The next place would be to check one of the BIG
battery houses. One I use for lithium cells used
in older GE commercial control heads (pre-NVRAM) is
Battery Mart:

solder-in: http://www.batterymart.com/battery.mv?p=LAP-CR2032-1GU
wire-in: http://www.batterymart.com/battery.mv?p=LAP-CR2032-TPX
button: http://www.batterymart.com/battery.mv?p=BAT-CR2032

In your case I would not hesitate to use the
wire-in battery if I could not find the -1HS part number.

73 bill n4alg

At 04:18 AM 11/9/2005, you wrote:
>I should clarify the problem
>
>The original cell that came with the Receiver did last some 10
>years.
>
>The problem is that ALL the cells which I have purchased since have
>NOT lasted longer than 3 years. Every where I have gotten the
>batteries from have NOT sold me new ones, but Old ones which have
>sat on the dealers shelf for quite a number of years before getting
>to me. No dealer will guaranty that the battery sold is new nor
>will they guaranty it's supposed 6 to 10 year life span. One

>battery sold to me via the internet had passed it's expiration date
>5 years before I even got it.
>
>So it's not the battery, nor my Receiver, but the ready availability
>of GOOD batteries. Also the battery used is not easy to find. It's
>not like the Lithium CR123A cell which can be found at any K-mart,
>Sears, Longs Drugs, or your neighborhood camera store. Most
>distributors of CR2032-1HS cells only have a few in stock, and are
>NOT new, but have sat around for several years, some even past their
>expiration date.
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>So my questions are
>- Has any one tried using another 3v Lithium in place of the stock
>cell, such as the CR123A?
>- Or where can I acquire a GUARANTIED NEW CR2032-1HS Cell?
>
>Thanks
>John Dokulil
>WDX6GMX
>
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Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

1097. NRD-535D Battery problem - No Longer

Yahoo group: nrd-525-535
Date: 2005-11-09 22:27:48 UTC
From: John Dokulil
Topic: 1097 Message: 1097

At this point, I would like to THANK those who have e-mailed me concerning my battery problem.

On reading several emails, I got the impression that several JRC users are not aware that the battery used in the NRD-535 is NOT the typical 2032 exchangeable coin battery, but a battery which is soldered to the CDC-493AD CPU board. This means in order to change batteries, one must remove the board from the Receiver, then unsolder the old battery from the circuit board and then solder a new battery in.

I have now contacted over a dozen suppliers (including Radio Shack) and found that ONLY Universal Radio still carry them. The story I am getting is that pin-weld coin batteries (coin batteries with pins welded to them) are being fazed out, so many suppliers no longer carry them.

Universal Radio has the batteries for the NRD-525 and the NRD-535 for $12.95 (a different stock number for the 525, 535), and they MUST be ordered through the Service Technicians Department because it is NOT a catalog part, but a service part. Also, Universal Radio ONLY keeps 2 or 3 in stock at any one time, so it's a shot in the dark on it's availability when you call.

I contacted my local HAM Users Net and they suggested replacing the current soldered in CR2032-1HS battery with a CR123A (or any 3v lithium equivalent) pop in and out battery holder.

So after all has been said and done, I for one have dropping the use of the solder in CR2032-1HS battery and have now replaced it with a CR123A battery holder (I just siliconed the new battery holder where the old soldered in battery was). Now when the battery needs replacing, all I will have to do is pop the old battery out of it's holder and pop a new one in. And the best part is, the CR123A battery can be found at any Radio Shack, K-Mart, Longs Drugs, Staples, Sears, Target, and most cameras stores for around $7.00.

God, all this just to replace a battery. JRC has gotten a lot right in it's receivers, but has definitely dropped the ball when it came to using a solder mount memory battery.

John Dokulil
WDX6GMX

1098. Re: [nrd-525-535] NRD 535Db Lithium Cell Failure

Yahoo group: nrd-525-535
Date: 2005-11-10 03:27:25 UTC
From: Brian Denley
Topic: 1086 Message: 1098

gandalfg8@... wrote:
> In a message dated 09/11/2005 03:23:41 GMT Standard Time,
> b.denley@... writes:
>
> This is the first I have heard of a battery issue with the 535Db.
> Has anyone else noticed a short battery life? Is this common for
> the 535Db?
>
>
>
> Excuse my ignorance but what's a 535Db?
> I know the D had all the bells and whistles already fitted, not
> available here in the UK so spent quite a lot upgrading my 535, but
> I've seen a few references to the 535Db and don't know what the "b"
> implies.
> Was this a later version and, if so, what were the diferences?
>
> As to battery life, I bought my set new in the early 90s and haven't
> had to replace the battery yet.
> The set's in storage at the moment and not used for about a year but
> up to that point it had lasted 11 or 12 years.
>
> regards
>
> Nigel
> G8PZR

Nigel:
The 535Db was the last version of the 535D and did have some improvements including an improved 6 Khz filter, a somewhat different variable bandwidth filter and a few other changes over the initial 535D. Maybe someone has the list?

Brian Denley
http://home.comcast.net/~b.denley/index.html

1099. Re: [nrd-525-535] NRD-535D Battery problem - No Longer

Yahoo group: nrd-525-535
Date: 2005-11-10 07:48:18 UTC
From: gandalfg8@aol.com
Topic: 1097 Message: 1099

In a message dated 09/11/2005 22:28:51 GMT Standard Time,
jdokulil@... writes:

God, all this just to replace a battery. JRC has gotten a lot right
in it's receivers, but has definitely dropped the ball when it came
to using a solder mount memory battery.

John Dokulil
WDX6GMX

Hi John

Glad to hear you've solved your problem and many thanks for sharing the
information.

However, if you think JRC got it wrong just spare a thought for owners of
the ICOM R71.
That has a soldered in battery too but, unlike the NRDs, it also acts to
retain the radio's firmware.
There have been some non volatile fixes but removing the battery on an
original R71, without taking step to ensure there's another source of backup
voltage provided whilst doing so, will wave goodbye to the operating system.

And again, think of all those Racal receivers and bits of HP test gear with
soldered in Ni-Cads that eventually leaked and rotted CPU boards and power
supplies etc.

Perhaps we're still on to a winner after all:-)

regards

Nigel
G8PZR

1100. Re: [nrd-525-535] NRD 535Db Lithium Cell Failure

Yahoo group: nrd-525-535
Date: 2005-11-10 07:55:49 UTC
From: gandalfg8@aol.com
Topic: 1086 Message: 1100

In a message dated 10/11/2005 04:48:06 GMT Standard Time,
b.denley@... writes:

The 535Db was the last version of the 535D and did have some improvements
including an improved 6 Khz filter, a somewhat different variable bandwidth
filter and a few other changes over the initial 535D. Maybe someone has the
list?

Thanks Brian

I guessed it might be a later version and would certainly be interested to
know what the differences were and also when it went into production or what SN
it started with.
Does this also mean there was an intermediate "a" version?

The Bandwidth Control Unit had already reached a second version when I
bought my 535 in the early 90s, I had to make sure I got a CFL-243W as opposed to
the original CFL-243.
Did it change again later or was the W version the different one referred to?

regards

Nigel
G8PZR

1101. Re: [nrd-525-535] NRD-535D Battery problem - No Longer

Yahoo group: nrd-525-535
Date: 2005-11-10 08:49:38 UTC
From: John Dokulil
Topic: 1097 Message: 1101

Yes the ICOM R71 was TRULY A nightmare
when it came to it's battery. My brother once
upon a time owned one until everything went
dead due to it's expended battery, and I do
mean dead. It never again worked. To this day
he states that he will NEVER own another
ICOM.

So I guess I should not complain to much.
But it's so frustrating when a $2800.00
masterpiece of engineering hangs on a
poorly engineered $10.00 memory battery.

John Dokulil
WDX6GMX

----- Original Message -----
From: gandalfg8@...
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, November 09, 2005 11:48 PM
Subject: Re: [nrd-525-535] NRD-535D Battery problem - No Longer

In a message dated 09/11/2005 22:28:51 GMT Standard Time, jdokulil@usamedia.tv writes:
God, all this just to replace a battery. JRC has gotten a lot right
in it's receivers, but has definitely dropped the ball when it came
to using a solder mount memory battery.

John Dokulil
WDX6GMX

Hi John

Glad to hear you've solved your problem and many thanks for sharing the information.

However, if you think JRC got it wrong just spare a thought for owners of the ICOM R71.
That has a soldered in battery too but, unlike the NRDs, it also acts to retain the radio's
firmware.
There have been some non volatile fixes but removing the battery on an original R71,
without taking step to ensure there's another source of backup voltage provided whilst
doing so, will wave goodbye to the operating system.

And again, think of all those Racal receivers and bits of HP test gear with soldered in
Ni-Cads that eventually leaked and rotted CPU boards and power supplies etc.

Perhaps we're still on to a winner after all:-)

regards

Nigel
G8PZR

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1102. designation of NRD 535Db

Yahoo group: nrd-525-535
Date: 2005-11-10 10:00:00 UTC
From: John Dokulil
Topic: 1102 Message: 1102

Concerning the designation of NRD 535Db.

What I recall about what was told to me by JRC's New York Office in the late 1990's is as follows...

The 535Db was basically the Final Produced Version of the 535D where as NO other fixes or engineering changes were to be made. No official name change was given to the receiver by JRC due to the fact that recasting the front panel of the receiver just to change the name for the last production run was deemed to costly. Also, JRC wanted the focus of the company to be on the new upcoming 545, rather than creating a new version of the soon to be ended 535.

JRC and dealers referred to this last production run as The NRD-535Db so to distinguish this unit from the earlier 535 and 535D, but the title was never officially printed on the receiver or it's paperwork.

Some improvements included an improved 6 Khz filter, a somewhat different variable bandwidth filter (CFL-243W as opposed to the original CFL-243) and the ECSS had a slightly better locking ability with a slightly wider tuning range before the lock was broken.

There were other fixes and circuitry upgrades, but at this moment I can not remember exactly what they were.

John Dokulil
WDX6GMX

1103. Re: [nrd-525-535] designation of NRD 535Db

Yahoo group: nrd-525-535
Date: 2005-11-10 10:22:17 UTC
From: gandalfg8@aol.com
Topic: 1102 Message: 1103

In a message dated 10/11/2005 10:01:44 GMT Standard Time,
jdokulil@... writes:

Some improvements included an improved 6 Khz filter, a somewhat
different variable bandwidth filter (CFL-243W as opposed to the
original CFL-243) and the ECSS had a slightly better locking ability
with a slightly wider tuning range before the lock was broken.
Hi John and thanks for the update.

As I mentioned earlier, I remember the CFL-243W as quite an early change, it
was certainly the version fitted here by mid 1993.
I'd be interested to know what changes were made to the ECSS unit as Lowe
Electronics in the UK provided me with parts to improve mine as part of their
"Lowe mods" kit, again around 1993. This was also intended to improve lock
range etc but I'm not sure now if it was factory suggested or of their own
making.
I wasn't aware of any changes to the 6 KHz filter at that time but other
than that don't seem to be lagging too far behind at the moment.

Does anyone know what the other changes were?

regards

Nigel
G8PZR

1104. Re: [nrd-525-535] NRD-535D Battery problem - No Longer

Yahoo group: nrd-525-535
Date: 2005-11-10 12:33:37 UTC
From: g3vvt@aol.com
Topic: 1097 Message: 1104

In a message dated 10/11/05 08:50:29 GMT Standard Time, jdokulil@...
writes:

So I guess I should not complain to much.
But it's so frustrating when a $2800.00
masterpiece of engineering hangs on a
poorly engineered $10.00 memory battery.

Hi John,

Think you are getting things a little out of sync with condemning JRC for the use of a memory battery in the NRD525/535.

Later a move was made to EEPROM and similar non volatile reprogrammable memories that did not require a back up battery, but that was by and large was the current technology of the era used by most of the ham radio manufacturers. At least with the JRC all you loose is memory until replaced. As has been mentioned with the early Icom radios possibly up to the IC-765, the entire operating system was lost, requiring a trip to the repair shop to be reprogrammed together with a new back up battery.

Changing the lithium cell in the JRC equipment is relatively easy, though I would urge you to try attempting the same exercise in a Yaesu FT-767 if you really want complete frustration. The memory back up battery is on the bottom PCB which means virtually a complete stripdown of the transceiver through the layers of boards to get at it.

At the end of the day the problem is the apparent finite shelf life of the lithium cell in the dealers stock where is probably similar to that when installed in the radio of approximately 10 years.

Bob, G3VVT

1105. Re: [nrd-525-535] NRD-535D Battery problem - No Longer

Yahoo group: nrd-525-535
Date: 2005-11-10 16:06:39 UTC
From: ROBERT W BETTS
Topic: 1097 Message: 1105

Icom didn't do that for long. As far as I know, that's the only receiver. I know the 531 transceivers is like that as are 2 or 3 others. My R-7000, sister receiver to the 71, does not have that arrangement. I bought the kit that converts the 71 to non-volatile memory and am real glad I did. It isn't as good as some of the current generation radios, but I still use mine often.
Bob

John Dokulil <jdokulil@...> wrote:
Yes the ICOM R71 was TRULY A nightmare
when it came to it's battery. My brother once
upon a time owned one until everything went
dead due to it's expended battery, and I do
mean dead. It never again worked. To this day
he states that he will NEVER own another
ICOM.

So I guess I should not complain to much.
But it's so frustrating when a $2800.00
masterpiece of engineering hangs on a
poorly engineered $10.00 memory battery.

John Dokulil
WDX6GMX

1106. Re: update: 535D Battery problem - CR2032-x sources

Yahoo group: nrd-525-535
Date: 2005-11-10 20:55:53 UTC
From: caladonia5560
Topic: 1096 Message: 1106

Try Mouser electronics (www.mouser.com) for these batteries. Their part # 658-BR2032-1HE (Panasonic) is available for less than $2.

The 658-BR2325-1HG, as used in the ICOM R-71A should also work fine. Both of these are in stock according to the Mouser on-line catalog.

Les Layton
Las Vegas, NV

NRD-525, Icom R-71A, Icom IC-751A owner with battery replacement experience.

--- In nrd-525-535@yahoogroups.com, Bill Cotter <n4alg@q...> wrote:
>
> John,
>
> The first place to try is JRC themselves. Not the
> retail face, but someone in JRC who handled the
> 525/535/D line servicing. That would be:
>
> ---> Peter Kito
> Japan Radio Co., Ltd.
> New York Office
> 2125 Center Ave., Suite 208
> Fort Lee, NJ 07024
> Tel.: (201) 242-1882
> Fax: (201) 242-1885
> Mobile: (201) 314-4459
> mailto://peterkito@j...
>
> I have made several purchases over the past few
> years: service manual, TCXO kit, battery and
> extender card. Some items were in the NJ
> warehouse, others came from Japan and took a month.
>
> The next place would be to check one of the BIG
> battery houses. One I use for lithium cells used
> in older GE commercial control heads (pre-NVRAM) is
> Battery Mart:
>
> solder-in: http://www.batterymart.com/battery.mv?p=LAP-CR2032-1GU
> wire-in: http://www.batterymart.com/battery.mv?p=LAP-CR2032-TPX
> button: http://www.batterymart.com/battery.mv?p=BAT-CR2032
>
> In your case I would not hesitate to use the

> wire-in battery if I could not find the -1HS part number.
>
> 73 bill n4alg
>
>
> At 04:18 AM 11/9/2005, you wrote:
> >I should clarify the problem
> >
> >The original cell that came with the Receiver did last some 10
> >years.
> >
> >The problem is that ALL the cells which I have purchased since have
> >NOT lasted longer than 3 years. Every where I have gotten the
> >batteries from have NOT sold me new ones, but Old ones which have
> >sat on the dealers shelf for quite a number of years before getting
> >to me. No dealer will guaranty that the battery sold is new nor
> >will they guaranty it's supposed 6 to 10 year life span. One
> >battery sold to me via the internet had passed it's expiration date
> >5 years before I even got it.
> >
> >So it's not the battery, nor my Receiver, but the ready availability
> >of GOOD batteries. Also the battery used is not easy to find. It's
> >not like the Lithium CR123A cell which can be found at any K-mart,
> >Sears, Longs Drugs, or your neighborhood camera store. Most
> >distributors of CR2032-1HS cells only have a few in stock, and are
> >NOT new, but have sat around for several years, some even past their
> >expiration date.
> >
> >So my questions are
> >- Has any one tried using another 3v Lithium in place of the stock
> >cell, such as the CR123A?
> >- Or where can I acquire a GUARANTIED NEW CR2032-1HS Cell?
> >
> >Thanks
> >John Dokulil
> >WDX6GMX
> >
> >
> >
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1107. Re: [nrd-525-535] Re: update: 535D Battery problem - CR2032-x sources

Yahoo group: nrd-525-535
Date: 2005-11-10 23:20:35 UTC
From: John Dokulil
Topic: 1096 Message: 1107

Thank you,

But I have already changed over to a CR123A
battery system which is rated at 1300 mAh,
rather than the 190 mAh ratting of the BR2032-1HS.
And it is NOT soldered onto the board like the
BR2032-1HS is, but clips into a battery holder.
The CR123A sells for around $2.50 to $3.00 each.

Thanks anyway for the info.

John Dokulil
WDX6GMX

----- Original Message -----
From: caladonia5560
To: nrd-525-535@yahoogroups.com
Sent: Thursday, November 10, 2005 12:55 PM
Subject: [nrd-525-535] Re: update: 535D Battery problem - CR2032-x sources

Try Mouser electronics (www.mouser.com) for these batteries. Their
part # 658-BR2032-1HE (Panasonic) is available for less than $2.

The 658-BR2325-1HG, as used in the ICOM R-71A should also work fine.
Both of these are in stock according to the Mouser on-line catalog.

Les Layton
Las Vegas, NV

NRD-525, Icom R-71A, Icom IC-751A owner with battery replacement
experience.

--- In nrd-525-535@yahoogroups.com, Bill Cotter <n4alg@q...> wrote:
>
> John,
>
> The first place to try is JRC themselves. Not the
> retail face, but someone in JRC who handled the
> 525/535/D line servicing. That would be:
>
> ---> Peter Kito
> Japan Radio Co., Ltd.
> New York Office
> 2125 Center Ave., Suite 208
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> Tel.: (201) 242-1882

> Fax: (201) 242-1885
> Mobile: (201) 314-4459
> mailto://peterkito@j...
>
> I have made several purchases over the past few
> years: service manual, TCXO kit, battery and
> extender card. Some items were in the NJ
> warehouse, others came from Japan and took a month.
>
> The next place would be to check one of the BIG
> battery houses. One I use for lithium cells used
> in older GE commercial control heads (pre-NVRAM) is
> Battery Mart:
>
> solder-in: http://www.batterymart.com/battery.mv?p=LAP-CR2032-1GU
> wire-in: http://www.batterymart.com/battery.mv?p=LAP-CR2032-TPX
> button: http://www.batterymart.com/battery.mv?p=BAT-CR2032
>
> In your case I would not hesitate to use the
> wire-in battery if I could not find the -1HS part number.
>
> 73 bill n4alg
>
>
> At 04:18 AM 11/9/2005, you wrote:
> >I should clarify the problem.
> >
> >The original cell that came with the Receiver did last some 10
> >years.
> >
> >The problem is that ALL the cells which I have purchased since have
> >NOT lasted longer than 3 years. Every where I have gotten the
> >batteries from have NOT sold me new ones, but Old ones which have
> >sat on the dealers shelf for quite a number of years before getting
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> >battery sold to me via the internet had passed it's expiration date
> >5 years before I even got it.
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> >So it's not the battery, nor my Receiver, but the ready availability
> >of GOOD batteries. Also the battery used is not easy to find. It's
> >not like the Lithium CR123A cell which can be found at any K-mart,
> >Sears, Longs Drugs, or your neighborhood camera store. Most
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> >
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> >
> >Thanks
> >John Dokulil
> >WDX6GMX
> >
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1108. Re: CMK-165 Converter impressions

Yahoo group: nrd-525-535
Date: 2005-11-11 15:36:06 UTC
From: patrickcgarner
Topic: 1085 Message: 1108

Tom,
Thanks for the review. Excellent, comprehensive. This may stand alone as the best thing on the web regarding the converter. My only questions are: (1) Where can the converter be found? and (2) What's it worth?!

--- In nrd-525-535@yahoogroups.com, "Tom Adams" <w9lbb@y...> wrote:
>
> Greetings, Troops!
>
> At long last the UPS person arrived with my CMK-165 converter. I was
> fortunate enough to be on my day off today, so no time was lost in
> installing the beastie and giving it a test drive.
>
> Installation isn't a problem at all, requiring only a Phillips head
> screwdriver and a pair of needle nose pliers. Said pliers aren't an
> absolute necessity if you have skinny fingers (I don't); they're
> useful for putting washers and nuts on the screws that secure the
> antenna connectors to the rear panel of the receiver. A pair of
> locking forceps would make it even easier.
>
> Besides the two coaxial connectors, all that has to be done is insert
> the two boards (the RF front end board, CHE-85, and the VHF-UHF local
> oscillator board CGA-118) into thier respective slots in the receiver
> card cage. Attach the jumpers from the coax connectors to thier
> sockets on the front end board and you're all done. About 15 minutes
> at the most and you're finished.
>
>
> I didn't have really high expectations for the performance of the
> converter; I've been down this road before with the VHF converter
> option board in my Drake R8.
>
> These converter option boards have to be taken in context. Neither
> the R8 or the NRD-525 weren't designed to be VHF/UHF receivers; the
> boards give the rigs some extra versatility, and are NOT meant to be
> the be all and end all of VHF reception.
>
> Just the same tho, performance is quite reasonable for an HF rig with
> an add-on board.
>
> In some ways, the NRD-525 converter outperforms the R8 board. The
> Drake board has a great many internally generated "birdies" that are
> a bother; they make scanning functions on VHF impossible. There are
> SOME birdies in the NRD-525 converter (especially on UHF), but they
> don't seem to be a crippling fault EXCEPT on UHF.

>
> The NRD-525 is inferior to the R8 converter in one respect; front end
> overloading. Low band is fine, but on high band VHF the intermod from
> FM broadcasters is an irritation below about 130 MHz, and above 160
> MHz the NOAA weather radio across town was providing some of it's own
> problems (we're running the big radio here; 1000 watts forward power
> into a 6 DB gain omnidirectional antenna. It's the hottest signal in
> high business band here).
>
> To be fair re. the FM overloading tho... I have an FM transmitter
> site about a mile away from me. Except for purpose design VHF rigs,
> I have some intermod from it on all receivers, except for my trusty
> old Rat Shack PRO-2004 scanner.
>
> On UHF I'd expected many more overloading problems; this is a UHF TV
> town. However much to my surprise the intermod, while definitely
> present, isn't as fierce as I'd expected, and is better than high
> band VHF.
>
> My gut reaction is that the introduction of a 10 or 12 DB attenuator
> pad in the antenna line would help a great deal with the intermod
> characteristics. Alternatively, a band stop filter that chokes off
> the FM broadcast band would be even more effective.
>
> Sensitivity is MORE than adequate on low VHF; the NRD-525 is now
> another receiver that picks up the cordless phones and baby monitors
> around the neighborhood in very good fashion.
>
> Ditto high VHF; the ATIS radio at Truax Field (about 10 miles away)
> puts in a quite good signal with my discone hooked up. Tho this
> receiver doesn't have adequate bandwidth to copy it, the FAX signals
> from the NOAA weather satellites come roarijng in loud and clear on
> a QFL antenna, even without the antenna mounted preamplifier in the
> line.
>
> On UHF the sensitivity seems to be a bit lower than I'd like, but it's
> still adequate to do the job in most cases. I'll probably be taking
> the receivwer to work to do an alignment of the UHF band to see if I
> can get a bit more sensitivity.
>
> On a scale of 1 to 10, I'd rate the converter an 7 or 8. It does a
> quite adequate job unless you're doing a job that demands the very
> ultimate in performance on VHF... and if you added appropriate front
> end filtering for your job, my rating would probably go to an 8 or 9.
>
> In any event, it certainly makes the NRD-525 a more useful bit of
> weaponry.
>
>
> 73's,

>
> Tom, W9LBB
>

1109. Re: designation of NRD 535Db

Yahoo group: nrd-525-535
Date: 2005-11-11 23:29:05 UTC
From: arne_at_cox_net
Topic: 1102 Message: 1109

If the 6 KHz filter you are refering to is the "WIDE" IF Bandwidth filter, it was later changed to 4 KHz, as in my 1995 535D. My receiver came with the later CFL-243W BWC Unit. That unofficial "Db" version probably also included the latest ROM Firmware revision.

Arne

--- In nrd-525-535@yahoogroups.com, gandalfg8@a... wrote:
>
> In a message dated 10/11/2005 10:01:44 GMT Standard Time,
> jdokulil@u... writes:
>
> Some improvements included an improved 6 Khz filter, a somewhat
> different variable bandwidth filter (CFL-243W as opposed to the
> original CFL-243) and the ECSS had a slightly better locking
ability
> with a slightly wider tuning range before the lock was broken.
> Hi John and thanks for the update.
>
> As I mentioned earlier, I remember the CFL-243W as quite an early
change, it
> was certainly the version fitted here by mid 1993.
> I'd be interested to know what changes were made to the ECSS unit as
Lowe
> Electronics in the UK provided me with parts to improve mine as part
of their
> "Lowe mods" kit, again around 1993. This was also intended to
improve lock
> range etc but I'm not sure now if it was factory suggested or of
their own
> making.
> I wasn't aware of any changes to the 6 KHz filter at that time but
other
> than that don't seem to be lagging too far behind at the moment.
>
> Does anyone know what the other changes were?
>
> regards
>
> Nigel
> G8PZR
>

1110. NAV-88 available

Yahoo group: nrd-525-535
Date: 2005-11-13 01:03:11 UTC
From: patrickcgarner
Topic: 1110 Message: 1110

I have a pristine NAV-88 that I purchased from Universal in '93 that I want to move on to someone who's trying to match a speaker to a 525. The NAV is like new, and comes with the original JRC box. A nice opportunity if you want to complete the 525/88 combo. Of course it works with any other JRC receiver.

Email me with an offer. I'll wait until 11/16 before popping it up on eB**. Thanks!

Pat Garner

1111. Re: NAV-88 available

Yahoo group: nrd-525-535
Date: 2005-11-13 04:56:29 UTC
From: Jim Hackett
Topic: 1110 Message: 1111

Patrick, I replied to your reply...
Thanks, Jim

--- In nrd-525-535@yahoogroups.com, "patrickcgarner"
<patrickgarner@m...> wrote:
>
> I have a pristine NAV-88 that I purchased from Universal in '93
that I want to move on to
> someone who's trying to match a speaker to a 525. The NAV is like
new, and comes with the
> original JRC box. A nice opportunity if you want to complete the
525/88 combo. Of course it
> works with any other JRC receiver.
>
> Email me with an offer. I'll wait until 11/16 before popping it up
on eB**. Thanks!
>
> Pat Garner
>

1112. New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-15 02:01:34 UTC
From: nrd-525-535@yahoogroups.com
Topic: 1112 Message: 1112

Enter your vote today! A new poll has been created for the
nrd-525-535 group:

For all of you with a JRC receiver, what's your primary antenna? Let's assume most of us are listening between 1 -30 MHz. Are you long wire, active, dipole, sloping? Let us know! Poll closes 11/28/05. (The arrangement of the list of choices is completely arbitrary, & doesn't display favoritism toward any manufacturer. I swear.)

o Alpha Delta DX-SWL Sloper?
o Alpha Delta DX Ultra?
o Antenna Supermarket's Eavesdropper SWL Sloper?
o Antenna Supermarket Eavesdropper Dipole?
o Your own homebrew long wire?
o Palomar Engineers Loop?
o AOR Loop?
o Active vertical antenna?
o Active Omnidirectional vertical?
o Other?

To vote, please visit the following web page:
http://groups.yahoo.com/group/nrd-525-535/surveys?id=2045501

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

1114. Re: [nrd-525-535] New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-15 02:43:55 UTC
From: W. Curt Deegan
Topic: 1112 Message: 1114

Not to respond to the poll, but...

I assume I use an Active Omnidirectional Vertical? What would be an example of a directional active vertical?

Curt

W. Curt Deegan

nrd-525-535@yahoogroups.com wrote:

> Enter your vote today! A new poll has been created for the
> nrd-525-535 group:
>
> For all of you with a JRC receiver, what's your primary antenna? Let's
> assume most of us are listening between 1 -30 MHz. Are you long wire,
> active, dipole, sloping? Let us know! Poll closes 11/28/05. (The
> arrangement of the list of choices is completely arbitrary, & doesn't
> display favoritism toward any manufacturer. I swear.)
>
> o Alpha Delta DX-SWL Sloper?
> o Alpha Delta DX Ultra?
> o Antenna Supermarket's Eavesdropper SWL Sloper?
> o Antenna Supermarket Eavesdropper Dipole?
> o Your own homebrew long wire?
> o Palomar Engineers Loop?
> o AOR Loop?
> o Active vertical antenna?
> o Active Omnidirectional vertical?
> o Other?
>
>

1115. Re: New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-15 02:58:38 UTC
From: patrickcgarner
Topic: 1112 Message: 1115

Not sure I have an answer. I think by structure they are always omni. Can a vertical be anything else? I don't own one, but have always seen them referred to as "omnidirectional." Anyone else out there w/ an alternate answer?

--- In nrd-525-535@yahoogroups.com, "W. Curt Deegan" <WWWR@e...> wrote:
>
> Not to respond to the poll, but...
>
> I assume I use an Active Omnidirectional Vertical? What would be an
> example of a directional active vertical?
>
> Curt
>
> W. Curt Deegan
>
>
> nrd-525-535@yahoogroups.com wrote:
>
> >
> > Enter your vote today! A new poll has been created for the
> > nrd-525-535 group:
> >
> > For all of you with a JRC receiver, what's your primary antenna? Let's
> > assume most of us are listening between 1 -30 MHz. Are you long wire,
> > active, dipole, sloping? Let us know! Poll closes 11/28/05. (The
> > arrangement of the list of choices is completely arbitrary, & doesn't
> > display favoritism toward any manufacturer. I swear.)
> >
> > o Alpha Delta DX-SWL Sloper?
> > o Alpha Delta DX Ultra?
> > o Antenna Supermarket's Eavesdropper SWL Sloper?
> > o Antenna Supermarket Eavesdropper Dipole?
> > o Your own homebrew long wire?
> > o Palomar Engineers Loop?
> > o AOR Loop?
> > o Active vertical antenna?
> > o Active Omnidirectional vertical?
> > o Other?
> >
> >
>

1116. Re: New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-15 04:40:33 UTC
From: arne_at_cox_net
Topic: 1112 Message: 1116

Seems to me that most choices would end up being in the "Other"
category, which would make the poll not very indicative of
what's really being used.

Arne

--- In nrd-525-535@yahoogroups.com, nrd-525-535@yahoogroups.com wrote:
> For all of you with a JRC receiver, what's your primary antenna?
Let's assume most of us are listening between 1 -30 MHz. Are you long
wire, active, dipole, sloping? Let us know! Poll closes 11/28/05. (The
arrangement of the list of choices is completely arbitrary, & doesn't
display favoritism toward any manufacturer. I swear.)
> o Alpha Delta DX-SWL Sloper?
> o Alpha Delta DX Ultra?
> o Antenna Supermarket's Eavesdropper SWL Sloper?
> o Antenna Supermarket Eavesdropper Dipole?
> o Your own homebrew long wire?
> o Palomar Engineers Loop?
> o AOR Loop?
> o Active vertical antenna?
> o Active Omnidirectional vertical?
> o Other?

1117. Re: [nrd-525-535] Re: New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-15 13:47:56 UTC
From: ROBERT W BETTS
Topic: 1112 Message: 1117

I use a vertical Yagi on VHF, if that helps. It's very directional. Also for FM 2 meters (SSB being horizontal).
Good DX,
Bob

patrickcgarner <patrickgarner@...> wrote:
Not sure I have an answer. I think by structure they are always omni. Can a vertical be anything else? I don't own one, but have always seen them referred to as "omnidirectional." Anyone else out there w/ an alternate answer?

--- In nrd-525-535@yahoogroups.com, "W. Curt Deegan" wrote:
>
> Not to respond to the poll, but...
>
> I assume I use an Active Omnidirectional Vertical? What would be an
> example of a directional active vertical?
>
> Curt
>
> W. Curt Deegan
>
>
> nrd-525-535@yahoogroups.com wrote:
>
> >
> > Enter your vote today! A new poll has been created for the
> > nrd-525-535 group:
> >
> > For all of you with a JRC receiver, what's your primary antenna? Let's
> > assume most of us are listening between 1 -30 MHz. Are you long wire,
> > active, dipole, sloping? Let us know! Poll closes 11/28/05. (The
> > arrangement of the list of choices is completely arbitrary, & doesn't
> > display favoritism toward any manufacturer. I swear.)
> >
> > o Alpha Delta DX-SWL Sloper?
> > o Alpha Delta DX Ultra?
> > o Antenna Supermarket's Eavesdropper SWL Sloper?
> > o Antenna Supermarket Eavesdropper Dipole?
> > o Your own homebrew long wire?
> > o Palomar Engineers Loop?
> > o AOR Loop?
> > o Active vertical antenna?
> > o Active Omnidirectional vertical?
> > o Other?
> >

> >
>

Yahoo! Groups Links

1118. Re: New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-15 13:48:19 UTC
From: patrickcgarner
Topic: 1112 Message: 1118

All,
I originated yesterday's antenna poll. This morning, in response to Arne's comment, I amended the description in the poll to note that, if the majority of votes came up "Other," we might have to do a followup to shake that out. When I clicked, Accept changes, Yahoo cleared all votes that had been made up to that point. Sorry. The poll was meant to be fun & informative only. If you already voted, please wander back & do so again. If you haven't please add your two cents!
--- In nrd-525-535@yahoogroups.com, "arne_at_cox_net" <arne_at_cox_net@c...> wrote:
>
> Seems to me that most choices would end up being in the "Other"
> category, which would make the poll not very indicative of
> what's really being used.
>
> Arne
>
> --- In nrd-525-535@yahoogroups.com, nrd-525-535@yahoogroups.com wrote:
> > For all of you with a JRC receiver, what's your primary antenna?
> Let's assume most of us are listening between 1 -30 MHz. Are you long
> wire, active, dipole, sloping? Let us know! Poll closes 11/28/05. (The
> arrangement of the list of choices is completely arbitrary, & doesn't
> display favoritism toward any manufacturer. I swear.)
> > o Alpha Delta DX-SWL Sloper?
> > o Alpha Delta DX Ultra?
> > o Antenna Supermarket's Eavesdropper SWL Sloper?
> > o Antenna Supermarket Eavesdropper Dipole?
> > o Your own homebrew long wire?
> > o Palomar Engineers Loop?
> > o AOR Loop?
> > o Active vertical antenna?
> > o Active Omnidirectional vertical?
> > o Other?
>

1119. Anyone dealt w/ Craig at Kiwa recently?

Yahoo group: nrd-525-535
Date: 2005-11-15 18:21:18 UTC
From: patrickcgarner
Topic: 1119 Message: 1119

Repeated emails go unanswered, and Kiwa's phone is always --always-- busy. I have a 525 that I want to upgrade, but am wondering whether Kiwa is still a viable firm. Has anyone had
any luck w/ Craig recently? Thanks.

1120. Re: Anyone dealt w/ Craig at Kiwa recently?

Yahoo group: nrd-525-535
Date: 2005-11-15 18:33:16 UTC
From: patrickcgarner
Topic: 1119 Message: 1120

Within 10 minutes of posting this question, Craig called. He'd taken a two week vacation. So
all is well. The phone line had apparently been left off--hence the constant busy signal.
--- In nrd-525-535@yahoogroups.com, "patrickcgarner" <patrickgarner@m...> wrote:
>
> Repeated emails go unanswered, and Kiwa's phone is always --always-- busy. I have a 525
> that I want to upgrade, but am wondering whether Kiwa is still a viable firm. Has anyone had
> any luck w/ Craig recently? Thanks.
>

1121. Re: [nrd-525-535] Re: New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-15 19:57:58 UTC
From: W. Curt Deegan
Topic: 1112 Message: 1121

I appreciate your input Robert, but must admit I'm still not clear on this as relates to the survey of 525-535 users..

Is a non-omnidirectional active vertical, any directional antenna aimed up? Or maybe I misunderstand what a vertical Yagi is.

VHF is out of my tuning range with the NRD-535, so knowledge of it is limited. Also, is a Yagi considered an active antenna? Are there versions that would be used with the 525-535?

Non-omnidirectional active vertical could just be a concept beyond my experience. On the other hand, I do use two active verticals through a phaser which does create a directional array of active verticals. Could that be what is meant in the survey? Maybe I should change my vote.

Patrick, you posted that you set up this survey, where did the list of antenna types come from? Maybe the answer can be found there.

Thanks all,
Curt

W. Curt Deegan

ROBERT W BETTS wrote:

> I use a vertical Yagi on VHF, if that helps. It's very directional.
> Also for FM 2 meters (SSB being horizontal).
> Good DX,
> Bob
>
> patrickcgarner <patrickgarner@...> wrote:
>
> Not sure I have an answer. I think by structure they are always
> omni. Can a vertical be
> anything else? I don't own one, but have always seen them referred
> to as "omnidirectional."
> Anyone else out there w/ an alternate answer?
>
> --- In nrd-525-535@yahoogroups.com, "W. Curt Deegan" wrote:
> >
> > Not to respond to the poll, but...
> >
> > I assume I use an Active Omnidirectional Vertical? What would be an
> > example of a directional active vertical?
> >
> > Curt
> >

> > W. Curt Deegan
> >
> >
> > nrd-525-535@yahoogroups.com wrote:
> >
> > >
> > > Enter your vote today! A new poll has been created for the
> > > nrd-525-535 group:
> > >
> > > For all of you with a JRC receiver, what's your primary
> antenna? Let's
> > > assume most of us are listening between 1 -30 MHz. Are you
> long wire,
> > > active, dipole, sloping? Let us know! Poll closes 11/28/05. (The
> > > arrangement of the list of choices is completely arbitrary, &
> doesn't
> > > display favoritism toward any manufacturer. I swear.)
> > >
> > > o Alpha Delta DX-SWL Sloper?
> > > o Alpha Delta DX Ultra?
> > > o Antenna Supermarket's Eavesdropper SWL Sloper?
> > > o Antenna Supermarket Eavesdropper Dipole?
> > > o Your own homebrew long wire?
> > > o Palomar Engineers Loop?
> > > o AOR Loop?
> > > o Active vertical antenna?
> > > o Active Omnidirectional vertical?
> > > o Other?
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> * To unsubscribe from this group, send an email to:
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> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---
>

1122. Re: [nrd-525-535] Re: New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-15 20:54:27 UTC
From: ROBERT W BETTS
Topic: 1112 Message: 1122

Sorry, I should have elaborated a bit.
The original poster referred to verticals as being omni directional by their "structure."
My point is that verticals don't have to be omni, and can be directional if phased properly with another vertical (or verticals), such as a Yagi antenna (multi-element vertical). This is not exclusive to VHF as I have used HF phased verticals in order to produce gain (without an amplifier) above 10 MHz. Actually, none of the antennas I referred to are active antennas (although I suppose some technical arrangement could be made to do that, but with those kinds of (natural) gain figures, it kind of defeats the purpose).
Hope this helps,
Bob

"W. Curt Deegan" <WWWR@...> wrote:
I appreciate your input Robert, but must admit I'm still not clear on this as relates to the survey of 525-535 users..

Is a non-omnidirectional active vertical, any directional antenna aimed up? Or maybe I misunderstand what a vertical Yagi is.

VHF is out of my tuning range with the NRD-535, so knowledge of it is limited. Also, is a Yagi considered an active antenna? Are there versions that would be used with the 525-535?

Non-omnidirectional active vertical could just be a concept beyond my experience. On the other hand, I do use two active verticals through a phaser which does create a directional array of active verticals. Could that be what is meant in the survey? Maybe I should change my vote.

Patrick, you posted that you set up this survey, where did the list of antenna types come from? Maybe the answer can be found there.

Thanks all,
Curt

W. Curt Deegan

ROBERT W BETTS wrote: I use a vertical Yagi on VHF, if that helps. It's very directional. Also for FM 2 meters (SSB being horizontal).
Good DX,
Bob

patrickcgarner <patrickgarner@...> wrote:
Not sure I have an answer. I think by structure they are always omni. Can a vertical be anything else? I don't own one, but have always seen them referred to as "omnidirectional." Anyone else out there w/ an alternate answer?

--- In nrd-525-535@yahoogroups.com, "W. Curt Deegan" wrote:
>
> Not to respond to the poll, but...

>
> I assume I use an Active Omnidirectional Vertical? What would be an
> example of a directional active vertical?
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> Curt
>
> W. Curt Deegan
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>
> nrd-525-535@yahoogroups.com wrote:
>
> >
> > Enter your vote today! A new poll has been created for the
> > nrd-525-535 group:
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> > For all of you with a JRC receiver, what's your primary antenna? Let's
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> > active, dipole, sloping? Let us know! Poll closes 11/28/05. (The
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> > o Antenna Supermarket Eavesdropper Dipole?
> > o Your own homebrew long wire?
> > o Palomar Engineers Loop?
> > o AOR Loop?
> > o Active vertical antenna?
> > o Active Omnidirectional vertical?
> > o Other?
> >
> >
>

Yahoo! Groups Links

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1123. CFL-231, CFL-316 & Inrad filters

Yahoo group: nrd-525-535
Date: 2005-11-15 21:29:28 UTC
From: aa3va
Topic: 1123 Message: 1123

Does anybody know if these CFL's can be replaced with Inrad's filters
designed for other, not-JRC rigs?
It's impossible to find CFL's, especially for CW !

1124. Re: [nrd-525-535] Re: New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-15 22:32:15 UTC
From: W. Curt Deegan
Topic: 1112 Message: 1124

Robert,

It does indeed help me understand your point. I was envisioning a multi-element antenna with horizontal elements and the array aimed vertically. Now I realize you were talking about vertical elements with the array aimed horizontally. Once I got my orientation the picture was more understandable.

Also, when someone says phased, I think of an electronic phaser, but you're talking about phasing through physical arrangement and possibly passive, fixed value components. To put it in terms even I can understand, a TV antenna turned on its side.

I'm more into LW-MW. This is out of my experience so I need all the help I can get, and I appreciate it.

I hope I'm not picking nits, but it does seem this poll option has little chance of being selected. Being the sensitive, caring guy that I am, I feel sorry for it ;-)

Curt

W. Curt Deegan
Boca Raton, (Southeast) Florida

ROBERT W BETTS wrote:

> Sorry, I should have elaborated a bit.
> The original poster referred to verticals as being omni directional by
> their "structure." My point is that verticals don't have to be omni,
> and can be directional if phased properly with another vertical (or
> verticals), such as a Yagi antenna (multi-element vertical). This is
> not exclusive to VHF as I have used HF phased verticals in order to
> produce gain (without an amplifier) above 10 MHz. Actually, none of
> the antennas I referred to are active antennas (although I suppose
> some technical arrangement could be made to do that, but with those
> kinds of (natural) gain figures, it kind of defeats the purpose).
> Hope this helps,
> Bob
>
> "W. Curt Deegan" <WWWR@...> wrote:
>
> I appreciate your input Robert, but must admit I'm still not clear
> on this as relates to the survey of 525-535 users..
>
> Is a non-omnidirectional active vertical, any directional antenna
> aimed up? Or maybe I misunderstand what a vertical Yagi is.

>
> VHF is out of my tuning range with the NRD-535, so knowledge of it
> is limited. Also, is a Yagi considered an active antenna? Are
> there versions that would be used with the 525-535?
>
> Non-omnidirectional active vertical could just be a concept beyond
> my experience. On the other hand, I do use two active verticals
> through a phaser which does create a directional array of active
> verticals. Could that be what is meant in the survey? Maybe I
> should change my vote.
>
> Patrick, you posted that you set up this survey, where did the
> list of antenna types come from? Maybe the answer can be found there.
>
> Thanks all,
> Curt
>
>W. Curt Deegan
>
>
>
> ROBERT W BETTS wrote:
>
>> I use a vertical Yagi on VHF, if that helps. It's very
>> directional. Also for FM 2 meters (SSB being horizontal).
>> Good DX,
>> Bob
>>
>> patrickcgarner <patrickgarner@...> wrote:
>>
>> Not sure I have an answer. I think by structure they are
>> always omni. Can a vertical be
>> anything else? I don't own one, but have always seen them
>> referred to as "omnidirectional."
>> Anyone else out there w/ an alternate answer?
>>
>> --- In nrd-525-535@yahoogroups.com, "W. Curt Deegan" wrote:
>> >
>> > Not to respond to the poll, but...
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>> > I assume I use an Active Omnidirectional Vertical? What
>> would be an
>> > example of a directional active vertical?
>> >
>> > Curt
>> >
>> > W. Curt Deegan
>> >
>>
>

1125. Re: [nrd-525-535] CFL-231, CFL-316 & Inrad filters

Yahoo group: nrd-525-535
Date: 2005-11-16 00:11:25 UTC
From: John Reed
Topic: 1123 Message: 1125

----- Original Message -----
From: "aa3va" <aa3va@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, November 15, 2005 3:29 PM
Subject: [nrd-525-535] CFL-231, CFL-316 & Inrad filters

You can use them, but they won't fit the original mounting holes, and you
will probably have to do impedance matching before they will work correctly.
The best way to do this is to make up a small PC board with the new filter
that will fit the JRC mounting holes with impedance matching components
built into it.

John Reed

> Does anybody know if these CFL's can be replaced with Inrad's filters
> designed for other, not-JRC rigs?
> It's impossible to find CFL's, especially for CW !
>
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1126. Re: [nrd-525-535] Re: New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-16 00:11:45 UTC
From: ROBERT W BETTS
Topic: 1112 Message: 1126

Curt:
The important thing is that it opens up interesting dialogue. None of us know it all.
I looked at the poll, but didn't know how to answer with the exception of home brewed end fed wire antenna. My poor JRCs (535 and 545) have been fed with just about everything I've dreamed up and strung from the trees out back. I suppose if I had to choose one, it would be the 160 meter end fed and my second would be the 80 meter dipole. Both are fairly high and broadside to Europe/Africa. The NRDs seem to love our East coast location here in Connecticut. I'm about 300 ft up in the hills above the coast and the DX gods have been good to me.
I love to MW DX and often listen to AM stations way out of this region. I get highschool ball scores for schools in towns I never heard of before ;-)
I have done some lowfer-ing as well down on 160 KHz. The transmitter is homebrewed, but the receiver is usually one of my JRCs.
Well, I went way off topic -- sorry, for gabbing -- I guess I'm just lonely tonight.
Bob, N1KPR

"W. Curt Deegan" <WWWR@...> wrote:
Robert,

It does indeed help me understand your point. I was envisioning a multi-element antenna with horizontal elements and the array aimed vertically. Now I realize you were talking about vertical elements with the array aimed horizontally. Once I got my orientation the picture was more understandable.

Also, when someone says phased, I think of an electronic phaser, but you're talking about phasing through physical arrangement and possibly passive, fixed value components. To put it in terms even I can understand, a TV antenna turned on its side.

I'm more into LW-MW. This is out of my experience so I need all the help I can get, and I appreciate it.

I hope I'm not picking nits, but it does seem this poll option has little chance of being selected. Being the sensitive, caring guy that I am, I feel sorry for it ;-)

CurtW. Curt DeeganBoca Raton, (Southeast) Florida

ROBERT W BETTS wrote: Sorry, I should have elaborated a bit.
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Hope this helps,
Bob

"W. Curt Deegan" <WWWR@...> wrote:
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VHF is out of my tuning range with the NRD-535, so knowledge of it is limited. Also, is a Yagi considered an active antenna? Are there versions that would be used with the 525-535?

Non-omnidirectional active vertical could just be a concept beyond my experience. On the other hand, I do use two active verticals through a phaser which does create a directional array of active verticals. Could that be what is meant in the survey? Maybe I should change my vote.

Patrick, you posted that you set up this survey, where did the list of antenna types come from? Maybe the answer can be found there.

Thanks all,
Curt

W. Curt Deegan

ROBERT W BETTS wrote: I use a vertical Yagi on VHF, if that helps. It's very directional. Also for FM 2 meters (SSB being horizontal).
Good DX,
Bob

patrickcgarner <patrickgarner@...> wrote:
Not sure I have an answer. I think by structure they are always omni. Can a vertical be anything else? I don't own one, but have always seen them referred to as "omnidirectional." Anyone else out there w/ an alternate answer?

--- In nrd-525-535@yahoogroups.com, "W. Curt Deegan" wrote:
>
> Not to respond to the poll, but...
>
> I assume I use an Active Omnidirectional Vertical? What would be an
> example of a directional active vertical?
>
> Curt
>
> W. Curt Deegan
>

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1127. Re: New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-16 00:44:25 UTC
From: patrickcgarner
Topic: 1112 Message: 1127

Bob,
Agreed. I originated the poll, & was just trying to get people to describe their rig--to get a
dialogue going. I think it'll be interesting to see what percentages fall in various categories, but any such poll is bound to be inexact & miss alot-- antennas, particularly, can be as creative as one's imagination. I personally am using a 40-50 ft sloper, and a couple hundred foot long wire. I'm always amazed at how little difference there is between them, & how well both do w/ the NRD. Like you I'm in the NE -- Massachusetts -- & at an elevation of about 350... the signals come down here like homing pigeons returning to the nest. Regardless, thumbing thru catalogues I always wonder what a Dresser active vertical would do, or a $400 loop antenna. :-)
Pat

--- In nrd-525-535@yahoogroups.com, ROBERT W BETTS <rwbetts@s...> wrote:
>
> Curt:
> The important thing is that it opens up interesting dialogue. None of us know it all.
> I looked at the poll, but didn't know how to answer with the exception of home brewed end fed wire antenna. My poor JRCs (535 and 545) have been fed with just about everything I've dreamed up and strung from the trees out back. I suppose if I had to choose one, it would be the 160 meter end fed and my second would be the 80 meter dipole. Both are fairly high and broadside to Europe/Africa. The NRDs seem to love our East coast location here in Connecticut. I'm about 300 ft up in the hills above the coast and the DX gods have been good to me.
> I love to MW DX and often listen to AM stations way out of this region. I get highschool ball scores for schools in towns I never heard of before ;-)
> I have done some lowfer-ing as well down on 160 KHz. The transmitter is homebrewed, but the receiver is usually one of my JRCs.
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> Bob, N1KPR
>
> "W. Curt Deegan" <WWWR@e...> wrote:
> Robert,
>
> It does indeed help me understand your point. I was envisioning a multi-element antenna with horizontal elements and the array aimed vertically. Now I realize you were talking about vertical elements with the array aimed horizontally. Once I got my orientation the picture was more understandable.
>
> Also, when someone says phased, I think of an electronic phaser, but you're talking about phasing through physical arrangement and possibly passive, fixed value components. To put it in terms even I can understand, a TV antenna turned on its side.
>
> I'm more into LW-MW. This is out of my experience so I need all the help I can get, and I appreciate it.

>
> I hope I'm not picking nits, but it does seem this poll option has little chance of being selected. Being the sensitive, caring guy that I am, I feel sorry for it ;-)
>
> CurtW. Curt DeeganBoca Raton, (Southeast) Florida
>
> ROBERT W BETTS wrote: Sorry, I should have elaborated a bit.
> The original poster referred to verticals as being omni directional by their "structure." My point is that verticals don't have to be omni, and can be directional if phased properly with another vertical (or verticals), such as a Yagi antenna (multi-element vertical). This is
not exclusive to VHF as I have used HF phased verticals in order to produce gain (without an amplifier) above 10 MHz. Actually, none of the antennas I referred to are active antennas (although I suppose some technical arrangement could be made to do that, but with those kinds of (natural) gain figures, it kind of defeats the purpose).
> Hope this helps,
> Bob
>
> "W. Curt Deegan" <WWWR@e...> wrote:
> I appreciate your input Robert, but must admit I'm still not clear on this as relates to the
survey of 525-535 users..
>
> Is a non-omnidirectional active vertical, any directional antenna aimed up? Or maybe I misunderstand what a vertical Yagi is.
>
> VHF is out of my tuning range with the NRD-535, so knowledge of it is limited. Also, is a Yagi considered an active antenna? Are there versions that would be used with the 525-535?
>
> Non-omnidirectional active vertical could just be a concept beyond my experience. On the other hand, I do use two active verticals through a phaser which does create a directional array of active verticals. Could that be what is meant in the survey? Maybe I should change my vote.
>
> Patrick, you posted that you set up this survey, where did the list of antenna types come from? Maybe the answer can be found there.
>
> Thanks all,
> Curt
>
> W. Curt Deegan
>
> ROBERT W BETTS wrote: I use a vertical Yagi on VHF, if that helps. It's very directional. Also for FM 2 meters (SSB being horizontal).
> Good DX,
> Bob
>
> patrickcgarner <patrickgarner@m...> wrote:
> Not sure I have an answer. I think by structure they are always omni. Can a vertical be

> anything else? I don't own one, but have always seen them referred to as "omnidirectional."
> Anyone else out there w/ an alternate answer?
>
> --- In nrd-525-535@yahoogroups.com, "W. Curt Deegan" wrote:
> >
> > Not to respond to the poll, but...
> >
> > I assume I use an Active Omnidirectional Vertical? What would be an
> > example of a directional active vertical?
> >
> > Curt
> >
> > W. Curt Deegan
> >
>
>
>
> ---
> YAHOO! GROUPS LINKS
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> ---
>

1128. Re: New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-16 00:54:58 UTC
From: patrickcgarner
Topic: 1112 Message: 1128

Curt,

You wrote, > > Patrick, you posted that you set up this survey, where did the list of antenna
types come from? Maybe the answer can be found there.> >

The list was arbitrary & culled from both antennas I'm familiar with, some from the current Universal catalogue, as well as a couple from Joe Carr's "Receiving Antenna Handbook."

Frankly, there are so many folks falling into the "Other" category, that I wish there was some
way to list in detail what everyone is REALLY using!

Pat

1129. Re: [nrd-525-535] Re: New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-16 01:41:16 UTC
From: W. Curt Deegan
Topic: 1112 Message: 1129

Pat,

While it would be difficult to correlate, you could just elicit posts to
this list of what is being used. Should generate some interesting reading.

Curt

W. Curt Deegan

patrickcgarner wrote:

> Curt,
>
> You wrote, > > Patrick, you posted that you set up this survey, where
> did the list of antenna
> types come from? Maybe the answer can be found there.> >
>
> The list was arbitrary & culled from both antennas I'm familiar with,
> some from the current
> Universal catalogue, as well as a couple from Joe Carr's "Receiving
> Antenna Handbook."
>
> Frankly, there are so many folks falling into the "Other" category,
> that I wish there was some
> way to list in detail what everyone is REALLY using!
>
> Pat
>
>
>
>
>
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> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio&c=3&s=60&.sig=YqiuyVwjnQFdynnsmMwVWg>
> Hobby and craft supply
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio&c=3&s=60&.sig=VduRJqNqUo9QkUiTI-knAA>
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio&c=3&s=60&.sig=sl_TRqZTiP_WHSLe6P3ybA>
>
>
>
> --

> YAHOO! GROUPS LINKS
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> <http://groups.yahoo.com/group/nrd-525-535>" on the web.
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> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---
>

1130. Re: New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-16 02:07:14 UTC
From: patrickcgarner
Topic: 1112 Message: 1130

Good suggestion. If everyone who polls "Other" will post a brief description of what they ARE using, I'll compile a list of all antennas on the first of December (poll ends 11/28). A
little extra work for those who haven't done so, but I agree it'll make interesting reading.
Pat

--- In nrd-525-535@yahoogroups.com, "W. Curt Deegan" <WWWR@e...> wrote:
>
> Pat,
>
> While it would be difficult to correlate, you could just elicit posts to
> this list of what is being used. Should generate some interesting reading.
>
> Curt
>
> W. Curt Deegan
>
>
> patrickcgarner wrote:
>
> > Curt,
> >
> > You wrote, > > Patrick, you posted that you set up this survey, where
> > did the list of antenna
> > types come from? Maybe the answer can be found there.> >
> >
> > The list was arbitrary & culled from both antennas I'm familiar with,
> > some from the current
> > Universal catalogue, as well as a couple from Joe Carr's "Receiving
> > Antenna Handbook."
> >
> > Frankly, there are so many folks falling into the "Other" category,
> > that I wish there was some
> > way to list in detail what everyone is REALLY using!
> >
> > Pat
> >
> >
> >
> >
> >
> > SPONSORED LINKS
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> > <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Craft

+hobby&w2=Hobby+and+craft+supply&w3=Ham
+radio&c=3&s=60&.sig=YqiuyVwjnQFdynnsmMwVWg>
> > Hobby and craft supply
> > <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Craft
+hobby&w2=Hobby+and+craft+supply&w3=Ham
+radio&c=3&s=60&.sig=VduRJqNqUo9QkUiTI-knAA>
> > Ham radio
> > <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Craft+hobby&w2=Hobby
+and+craft+supply&w3=Ham+radio&c=3&s=60&.sig=sl_TRqZTiP_WHSLe6P3ybA>
> >
> >
> >
> > ---
> > YAHOO! GROUPS LINKS
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> > Service <http://docs.yahoo.com/info/terms/>.
> >
> >
> > ---
> >
>

1131. poll for other type antennas

Yahoo group: nrd-525-535
Date: 2005-11-16 03:22:44 UTC
From: Bill Cotter
Topic: 1112 Message: 1131

Pat,

My primary usage for the 535D is SWL listening on 60, 49, 41, 31, and 25M bands. I have found that for long distance (ie: Turkey, Greece, Morocco, etc), reliable listening (S9+) with minimal power line noise requires an outdoor antenna that is directional.

My principle antenna is a 4-square vertical array tuned for 7mHz. This is a fairly elaborate system consisting of four 34' vertical radiators, 256 radials (64 under each vertical), a central control box with phasing elements and 250ft of RG-213 coax to the house. http://comteksystems.com/

The system exhibits a forward gain of approximately 6dB and a front-to-back ratio of 25dB. The indoor control unit has four positions NE, SE, SW and NW. Although tuned for 40M, the system exhibits very good gain and excellent F/B on 60, 49, 31, and 25M .

For the lower bands 120, 75, 60 and 49M, I use a off-side fed delta loop. The wire length is 288ft total, the feedline is 300ft of 450Z 14ga open line. The Apex is suspended from the top of a tower at 110ft and the ends are 30ft off the ground. The feedline attaches to a 4:1 current/voltage balun and enters the house with coax.

This aerial is very quiet (from a static point of view) and since it is perpendicular to the power lines, is low on AC noise. It is the first antenna I was ever able to receive 120M stations from South of the US.

Both of these antennas are designed for amateur radio usage, but perform spectacularly for SWL'ing. If you can erect an outdoor antenna of any sort, you are miles above an indoor antenna. And, if you can get far away from power lines and high in the air, you are there! Even a simple longwire (100ft) tuned against a good ground, 20ft off the ground will bring in very good reception.

Bill N4ALG

Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

1132. Re: [nrd-525-535] Anyone dealt w/ Craig at Kiwa recently?

Yahoo group: nrd-525-535
Date: 2005-11-16 06:03:23 UTC
From: John Dokulil
Topic: 1119 Message: 1132

I had them do almost all that they could do to
my NRD-535Db about 7 months ago (absolutely
GREAT job, could NOT live without what he
did), and have called him several times within
the last 2 mounts. Most likely the reason that
you are not getting through via phone is because
he was probably talking to me.

SORRY...
I will stay off the phone for a couple of weeks so
you can contact him. As for e-mail, he has
replied to all of mine without exception.

Suggestion...
Are you using the phone number and email
address found on his web page...
http://www.kiwa.com/

John Dokulil
WDX6GMX

----- Original Message -----
From: patrickcgarner
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, November 15, 2005 10:21 AM
Subject: [nrd-525-535] Anyone dealt w/ Craig at Kiwa recently?

Repeated emails go unanswered, and Kiwa's phone is always --always-- busy. I have a 525
that I want to upgrade, but am wondering whether Kiwa is still a viable firm. Has anyone
had
any luck w/ Craig recently? Thanks.

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1133. Re: [nrd-525-535] Anyone dealt w/ Craig at Kiwa recently?

Yahoo group: nrd-525-535
Date: 2005-11-16 07:59:02 UTC
From: W. Curt Deegan
Topic: 1119 Message: 1133

What mods do they make to an NRD-535D?
What do the mods improve?
How much does it cost?
Is there a web page describing all this?

Thanks,
Curt

W. Curt Deegan
Boca Raton, (Southeast) Florida

John Dokulil wrote:

> I had them do almost all that they could do to
> my NRD-535Db about 7 months ago (absolutely
> GREAT job, could NOT live without what he
> did), and have called him several times within
> the last 2 mounts. Most likely the reason that
> you are not getting through via phone is because
> he was probably talking to me.
>
> SORRY...
> I will stay off the phone for a couple of weeks so
> you can contact him. As for e-mail, he has
> replied to all of mine without exception.
>
> Suggestion...
> Are you using the phone number and email
> address found on his web page...
> http://www.kiwa.com/
>
> John Dokulil
> WDX6GMX
>

1134. Re: [nrd-525-535] Anyone dealt w/ Craig at Kiwa recently?

Yahoo group: nrd-525-535
Date: 2005-11-16 08:10:15 UTC
From: John Dokulil
Topic: 1119 Message: 1134

Your Question:
Is there a web page describing all this?

As the last line of my email stated...
http://www.kiwa.com/

John Dokulil
WDX6GMX

----- Original Message -----
From: W. Curt Deegan
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, November 15, 2005 11:59 PM
Subject: Re: [nrd-525-535] Anyone dealt w/ Craig at Kiwa recently?

What mods do they make to an NRD-535D?
What do the mods improve?
How much does it cost?
Is there a web page describing all this?

Thanks,
Curt

W. Curt Deegan
Boca Raton, (Southeast) Florida----------
John Dokulil wrote: I had them do almost all that they could do to
my NRD-535Db about 7 months ago (absolutely
GREAT job, could NOT live without what he
did), and have called him several times within
the last 2 mounts. Most likely the reason that
you are not getting through via phone is because
he was probably talking to me.

SORRY...
I will stay off the phone for a couple of weeks so
you can contact him. As for e-mail, he has
replied to all of mine without exception.

Suggestion...
Are you using the phone number and email
address found on his web page...
http://www.kiwa.com/

John Dokulil
WDX6GMX

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1135. Re: [nrd-525-535] Anyone dealt w/ Craig at Kiwa recently?

Yahoo group: nrd-525-535
Date: 2005-11-16 09:00:45 UTC
From: W. Curt Deegan
Topic: 1119 Message: 1135

Sorry. Wasn't looking for email addresses or phone numbers. Didn't realize all the answers to my questions would be answered at that URL.

Promise to never again ask a simple question without extensive prior research.

W. Curt Deegan

John Dokulil wrote:

> Your Question:
> Is there a web page describing all this?
>
> As the last line of my email stated...
> http://www.kiwa.com/
>
> John Dokulil
> WDX6GMX
>
> ---
>
> ----- Original Message -----
> From: W. Curt Deegan <mailto:WWWR@...>
> To: nrd-525-535@yahoogroups.com <mailto:nrd-525-535@yahoogroups.com>
> Sent: Tuesday, November 15, 2005 11:59 PM
> Subject: Re: [nrd-525-535] Anyone dealt w/ Craig at Kiwa recently?
>
> What mods do they make to an NRD-535D?
> What do the mods improve?
> How much does it cost?
> Is there a web page describing all this?
>
> Thanks,
> Curt
>
>W. Curt Deegan
>Boca Raton, (Southeast) Florida
>
>---
>
>John Dokulil wrote:
>
>> I had them do almost all that they could do to
>> my NRD-535Db about 7 months ago (absolutely
>> GREAT job, could NOT live without what he
>> did), and have called him several times within
>> the last 2 mounts. Most likely the reason that

>> you are not getting through via phone is because
>> he was probably talking to me.
>>
>> SORRY...
>> I will stay off the phone for a couple of weeks so
>> you can contact him. As for e-mail, he has
>> replied to all of mine without exception.
>>
>> Suggestion...
>> Are you using the phone number and email
>> address found on his web page...
>> http://www.kiwa.com/
>>
>> John Dokulil
>> WDX6GMX
>>
>
>
>
> SPONSORED LINKS
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y&w3=Ham+radio&c=3&s=60&.sig=YqiuyVwjnQFdynnsmMwVWg>
> Hobby and craft supply
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Craft+hobby&w2=Hobby+and+
craft+supply&w3=Ham+radio&c=3&s=60&.sig=VduRJqNqUo9QkUiTI-knAA>
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Craft+hobby&w2=Hobby+and+craft+supply&
w3=Ham+radio&c=3&s=60&.sig=sl_TRqZTiP_WHSLe6P3ybA>
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1136. Ответ: Re: [nrd-525-535] CFL-231, CFL-316 & Inrad filters

Yahoo group: nrd-525-535
Date: 2005-11-16 11:59:56 UTC
From: Shashkov Alexander
Topic: 1123 Message: 1136

I meant if someone has just performed this
replacement. With exact Inrad filters.

--- John Reed <jreed@...> ?????:

>
> ----- Original Message -----
> From: "aa3va" <aa3va@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Tuesday, November 15, 2005 3:29 PM
> Subject: [nrd-525-535] CFL-231, CFL-316 & Inrad
> filters
>
>
> You can use them, but they won't fit the original
> mounting holes, and you
> will probably have to do impedance matching before
> they will work correctly.
> The best way to do this is to make up a small PC
> board with the new filter
> that will fit the JRC mounting holes with impedance
> matching components
> built into it.
>
> John Reed
>
> > Does anybody know if these CFL's can be replaced
> with Inrad's filters
> > designed for other, not-JRC rigs?
> > It's impossible to find CFL's, especially for CW !
> >
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1137. Re: [nrd-525-535] poll for other type antennas

Yahoo group: nrd-525-535
Date: 2005-11-16 14:15:01 UTC
From: Patrick Garner
Topic: 1112 Message: 1137

Amazing description, amazing rig & setup. Thanks for the details. You obviously don't live on a 1/2 acre suburban lot, nor deal with zoning regulations. This must come close to being the Lamborgini of antenna setups. :-)

1138. Re: Ответ: Re: [nrd-525-535] CFL-231, CFL- 316 & Inrad filters

Yahoo group: nrd-525-535
Date: 2005-11-16 18:15:23 UTC
From: John Reed
Topic: 1138 Message: 1138

----- Original Message -----
From: "Shashkov Alexander" <aa3va@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, November 16, 2005 5:59 AM
Subject: ?????: Re: [nrd-525-535] CFL-231, CFL-316 & Inrad filters

I have a Kiwa Premium filter in my 525. I'm not aware of anyone who
installed an Inrad.

>I meant if someone has just performed this
> replacement. With exact Inrad filters.
>
>
> --- John Reed <jreed@...> ?????:
>
>>
>> ----- Original Message -----
>> From: "aa3va" <aa3va@...>
>> To: <nrd-525-535@yahoogroups.com>
>> Sent: Tuesday, November 15, 2005 3:29 PM
>> Subject: [nrd-525-535] CFL-231, CFL-316 & Inrad
>> filters
>>
>>
>> You can use them, but they won't fit the original
>> mounting holes, and you
>> will probably have to do impedance matching before
>> they will work correctly.
>> The best way to do this is to make up a small PC
>> board with the new filter
>> that will fit the JRC mounting holes with impedance
>> matching components
>> built into it.
>>
>> John Reed
>>
>> > Does anybody know if these CFL's can be replaced
>> with Inrad's filters
>> > designed for other, not-JRC rigs?
>> > It's impossible to find CFL's, especially for CW !
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1139. Re: Re: [nrd-525-535] CFL-231, CFL-316 & Inrad filters

Yahoo group: nrd-525-535
Date: 2005-11-16 20:40:01 UTC
From: Shashkov Alexander
Topic: 1138 Message: 1139

Kiwa filters are suitable only for broadcast
reception, but almost useless for HAM radio. CFL-316
and CFL-231 are narrrow band filters for CW.

> ----- Original Message -----
> From: "Shashkov Alexander" <aa3va@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Wednesday, November 16, 2005 5:59 AM
> Subject: ?????: Re: [nrd-525-535] CFL-231, CFL-316 &
> Inrad filters
>
> I have a Kiwa Premium filter in my 525. I'm not
> aware of anyone who
> installed an Inrad.
>
>
> >I meant if someone has just performed this
> > replacement. With exact Inrad filters.

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1140. About Antennas: 'Splain this one...

Yahoo group: nrd-525-535
Date: 2005-11-16 22:18:14 UTC
From: Jim Hackett
Topic: 1140 Message: 1140

First off, I live in San Jose, a notoriously BAD place to live for h.f.
LOTS of cell towers everywhere. I also live about 3/4 of a mile from
a 50kw spanish BLOWTORCH (KABL). I have learned to cope with KABL
using a high pass filter. All of our utilities are underground.

Here's the thing...

I have 45ft, 55 ft, and 60ft random wire antennas that point directly
to the blowtorch for minimal problems. They also happen to be N/S.
I have a dipole that is cut for around 15 mhz. I also have a Sony
ANLP1 and 3 R.S. discones. Out of ALL those choices, the antenna that
gives me the most consistent performance across the entire h.f.
spectrum is... DRUM ROLL PLEASE.....

The discone! Can anyone explain that? All my antennas are fed with
grounded RG-58. The random wires work slightly better (with a much
higher noise ratio) but only within a fairly narrow range. Same with
my dipole. The discone isn't even an h.f. antenna! It is MUCH less
noisy and gives satisfactory performance down to the broadcast band.
I don't understand this.

Comments, anyone?

1141. Re: About Antennas: 'Splain this one...

Yahoo group: nrd-525-535
Date: 2005-11-17 20:06:17 UTC
From: caladonia5560
Topic: 1140 Message: 1141

I live in Las Vegas, Nevada, also a very rough environment for radio reception. I read with interest your results with a Radio Shack discone, since I have one that I use one for VHF/UHF monitoring. It seems to work pretty well here, but not great for HF reception. The antenna that I favor is a 18 ft vertical, end-fed by coax with the bottom about up about 20 feet from the ground. I also have a 60 ft random wire and a Grove off-center fed dipole. The random wire is almost useless because of the locally generated computer/TV/etc. noise from my house and those nearby. The Grove antenna is OK on some bands, but also very noisy. The vertical is excellent from VLF up to 30 MHZ and is pretty much immune to locally generated noise...for reasons I can't explain either.

Les Layton

--- In nrd-525-535@yahoogroups.com, "Jim Hackett" <jim_hack@y...> wrote:
>
> First off, I live in San Jose, a notoriously BAD place to live for h.f.
> LOTS of cell towers everywhere. I also live about 3/4 of a mile from
> a 50kw spanish BLOWTORCH (KABL). I have learned to cope with KABL
> using a high pass filter. All of our utilities are underground.
>
> Here's the thing...
>
> I have 45ft, 55 ft, and 60ft random wire antennas that point directly
> to the blowtorch for minimal problems. They also happen to be N/S.
> I have a dipole that is cut for around 15 mhz. I also have a Sony
> ANLP1 and 3 R.S. discones. Out of ALL those choices, the antenna that
> gives me the most consistent performance across the entire h.f.
> spectrum is... DRUM ROLL PLEASE.........
>
> The discone! Can anyone explain that? All my antennas are fed with
> grounded RG-58. The random wires work slightly better (with a much
> higher noise ratio) but only within a fairly narrow range. Same with
> my dipole. The discone isn't even an h.f. antenna! It is MUCH less
> noisy and gives satisfactory performance down to the broadcast band.
> I don't understand this.
>
> Comments, anyone?
>

1142. Re: [nrd-525-535] Re: About Antennas: 'Splain this one...

Yahoo group: nrd-525-535
Date: 2005-11-17 19:33:18 UTC
From: Chuck
Topic: 1140 Message: 1142

Les,

Where did you get the vertical?

Chuck

----- Original Message -----
From: "caladonia5560" <caladonia5560@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Thursday, November 17, 2005 20:06
Subject: [nrd-525-535] Re: About Antennas: 'Splain this one...

> I live in Las Vegas, Nevada, also a very rough environment for radio
> reception. I read with interest your results with a Radio Shack
> discone, since I have one that I use one for VHF/UHF monitoring. It
> seems to work pretty well here, but not great for HF reception. The
> antenna that I favor is a 18 ft vertical, end-fed by coax with the
> bottom about up about 20 feet from the ground. I also have a 60 ft
> random wire and a Grove off-center fed dipole. The random wire is
> almost useless because of the locally generated computer/TV/etc. noise
> from my house and those nearby. The Grove antenna is OK on some bands,
> but also very noisy. The vertical is excellent from VLF up to 30 MHZ
> and is pretty much immune to locally generated noise...for reasons I
> can't explain either.
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> Les Layton
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> --- In nrd-525-535@yahoogroups.com, "Jim Hackett" <jim_hack@y...> wrote:
> >
> > First off, I live in San Jose, a notoriously BAD place to live for h.f.
> > LOTS of cell towers everywhere. I also live about 3/4 of a mile from
> > a 50kw spanish BLOWTORCH (KABL). I have learned to cope with KABL
> > using a high pass filter. All of our utilities are underground.

> >
> > Here's the thing...
> >
> > I have 45ft, 55 ft, and 60ft random wire antennas that point directly
> > to the blowtorch for minimal problems. They also happen to be N/S.
> > I have a dipole that is cut for around 15 mhz. I also have a Sony
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> > my dipole. The discone isn't even an h.f. antenna! It is MUCH less
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> > I don't understand this.
> >
> > Comments, anyone?
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1143. Re: [nrd-525-535] Re: About Antennas:

Yahoo group: nrd-525-535
Date: 2005-11-17 21:23:48 UTC
From: Kenneth Wilson
Topic: 1140 Message: 1143

Interesting reading these comments/polls.

Here in Georgetown , KY. I live in one of those subdivisions where the houses are small & right on top of each other. I have no Front yard to speak of. My backyard is 55 ft. across & 38 feet deep approx figures. For HF I use 2 antennas. Both are Wellbrook products. The AL1530 loop & the K9AY 2 loop system. The K9AY loops are 85 ft each. They seem to work well but have never listened to a beverage..... I know of no other antenna that will fit in a 36 ft or so square that will come close to it's performance. The AL1530 is mounted at 6ft off the ground.

Most of the time I DX with the K9AY & use the 1530 with a passive 4 way stridesberg multi coupler to listen to Amatuer & Utility stations. I seem to always have receivers tuned to 11.175, 8.992 8.983, & 5.696

I have a Diamond discone on a 28 ft. push up pole for VHF/UHF.

73 es DX Ken KG4BIG

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http://www.yahoo.com/r/hs

1144. Re: [nrd-525-535] New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-17 22:26:35 UTC
From: John Dokulil
Topic: 1112 Message: 1144

I would like to respond to your antenna poll,
but I also must choose "Other". My antenna
is a Home Brew 72 foot Windom, slopped
at approximately 30 degrees, using an
RF Systems MLB Balun.

John Dokulil
WDX6GMX

----- Original Message -----
From: nrd-525-535@yahoogroups.com
To: nrd-525-535@yahoogroups.com
Sent: Monday, November 14, 2005 6:01 PM
Subject: [nrd-525-535] New poll for nrd-525-535

Enter your vote today! A new poll has been created for the
nrd-525-535 group:

For all of you with a JRC receiver, what's your primary antenna? Let's assume most of us are listening between 1 -30 MHz. Are you long wire, active, dipole, sloping? Let us know! Poll closes 11/28/05. (The arrangement of the list of choices is completely arbitrary, & doesn't display favoritism toward any manufacturer. I swear.)

o Alpha Delta DX-SWL Sloper?
o Alpha Delta DX Ultra?
o Antenna Supermarket's Eavesdropper SWL Sloper?
o Antenna Supermarket Eavesdropper Dipole?
o Your own homebrew long wire?
o Palomar Engineers Loop?
o AOR Loop?
o Active vertical antenna?
o Active Omnidirectional vertical?
o Other?

To vote, please visit the following web page:
http://groups.yahoo.com/group/nrd-525-535/surveys?id=2045501

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

YAHOO! GROUPS LINKS

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b.. To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

1145. Re: About Antennas: 'Splain this one...

Yahoo group: nrd-525-535
Date: 2005-11-18 19:55:41 UTC
From: caladonia5560
Topic: 1140 Message: 1145

Hi Chuck,

The vertical is a modified ground plane antenna (CB?)that I found next to a dumpster about 20 years ago. I removed the 3 horizontal ground plane elements and also removed a built-in matching coil from the base. It consists of three sections that bolt together and has a small top-hat element on the upper section.

Like I said, I don't know why it works, but it has served me well over the years at two different locations. Last night I heard beacon station PLI on 183.5 KHZ (A one watt part 15, CW beacon) located in Burbank CA, loud and clear on the vertical with my NRD-525. It was completely lost in the noise on my other two antennas.

Les

--- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@p...> wrote:
>
> Les,
>
> Where did you get the vertical?
>
> Chuck
>
> ----- Original Message -----
> From: "caladonia5560" <caladonia5560@y...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Thursday, November 17, 2005 20:06
> Subject: [nrd-525-535] Re: About Antennas: 'Splain this one...
>
>
> > I live in Las Vegas, Nevada, also a very rough environment for radio
> > reception. I read with interest your results with a Radio Shack
> > discone, since I have one that I use one for VHF/UHF monitoring. It
> > seems to work pretty well here, but not great for HF reception. The
> > antenna that I favor is a 18 ft vertical, end-fed by coax with the
> > bottom about up about 20 feet from the ground. I also have a 60 ft
> > random wire and a Grove off-center fed dipole. The random wire is
> > almost useless because of the locally generated computer/TV/etc. noise
> > from my house and those nearby. The Grove antenna is OK on some bands,
> > but also very noisy. The vertical is excellent from VLF up to 30 MHZ
> > and is pretty much immune to locally generated noise...for reasons I
> > can't explain either.
> >
> > Les Layton
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> > --- In nrd-525-535@yahoogroups.com, "Jim Hackett" <jim_hack@y...>
wrote:
> > >
> > > First off, I live in San Jose, a notoriously BAD place to live
for h.f.
> > > LOTS of cell towers everywhere. I also live about 3/4 of a mile
from
> > > a 50kw spanish BLOWTORCH (KABL). I have learned to cope with KABL
> > > using a high pass filter. All of our utilities are underground.
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> > > Here's the thing...
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> > > I have 45ft, 55 ft, and 60ft random wire antennas that point
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> > > I have a dipole that is cut for around 15 mhz. I also have a Sony
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> > > gives me the most consistent performance across the entire h.f.
> > > spectrum is... DRUM ROLL PLEASE.....
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> > > The discone! Can anyone explain that? All my antennas are fed with
> > > grounded RG-58. The random wires work slightly better (with a much
> > > higher noise ratio) but only within a fairly narrow range. Same
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> > > my dipole. The discone isn't even an h.f. antenna! It is MUCH less
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> > > Comments, anyone?
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1146. Re: [nrd-525-535] Re: About Antennas: 'Splain this one...

Yahoo group: nrd-525-535
Date: 2005-11-18 22:19:38 UTC
From: Chuck
Topic: 1140 Message: 1146

Les,

I was interested in what you said about it being go on shortwave too.

All my antennas were blown down during Wilma and since then, I
haven't had the motivation to put them back up. I also lost my
home's roof.

Anyway, glad to hear about your antenna and I will be looking
around for a vertical.

Chuck

----- Original Message -----
From: "caladonia5560" <caladonia5560@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, November 18, 2005 19:55
Subject: [nrd-525-535] Re: About Antennas: 'Splain this one...

> Hi Chuck,
>
> The vertical is a modified ground plane antenna (CB?)that I found next
> to a dumpster about 20 years ago. I removed the 3 horizontal ground
> plane elements and also removed a built-in matching coil from the
> base. It consists of three sections that bolt together and has a small
> top-hat element on the upper section.
>
> Like I said, I don't know why it works, but it has served me well over
> the years at two different locations. Last night I heard beacon
> station PLI on 183.5 KHZ (A one watt part 15, CW beacon) located in
> Burbank CA, loud and clear on the vertical with my NRD-525. It was
> completely lost in the noise on my other two antennas.
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> Les
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> --- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@p...> wrote:
> >
> > Les,

> >
> > Where did you get the vertical?
> >
> > Chuck
> >
> > ----- Original Message -----
> > From: "caladonia5560" <caladonia5560@y...>
> > To: <nrd-525-535@yahoogroups.com>
> > Sent: Thursday, November 17, 2005 20:06
> > Subject: [nrd-525-535] Re: About Antennas: 'Splain this one...
> >
> >
> > > I live in Las Vegas, Nevada, also a very rough environment for radio
> > > reception. I read with interest your results with a Radio Shack
> > > discone, since I have one that I use one for VHF/UHF monitoring. It
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> > > Les Layton
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> > > --- In nrd-525-535@yahoogroups.com, "Jim Hackett" <jim_hack@y...>
> wrote:
> > > >
> > > > First off, I live in San Jose, a notoriously BAD place to live
> for h.f.
> > > > LOTS of cell towers everywhere. I also live about 3/4 of a mile
> from
> > > > a 50kw spanish BLOWTORCH (KABL). I have learned to cope with KABL
> > > > using a high pass filter. All of our utilities are underground.
> > > >

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> > > > gives me the most consistent performance across the entire h.f.
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> > > > Comments, anyone?
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1147. Re: [nrd-525-535] Re: About Antennas: 'Splain this one...

Yahoo group: nrd-525-535
Date: 2005-11-19 01:01:59 UTC
From: John Dokulil
Topic: 1140 Message: 1147

Les,

I have not tinkered at all with vertical antennas,
and am thinking it's about time to do so. I have
spent the last 8 years experimenting with
Horizontal and Shoppers (Manufactured and
Home Brew) and am now (finely) reasonably
satisfied with the two 30 Degree slopping
antennas I am currently using.

But that urge to put another antenna up is
again growing, so I think it's time to start
tinkering a bit with verticals and loops.

Several questions...

- Do you by chance know the overall length
of the 3 combined sections of that modified
vertical antenna of yours?

- What are you using to connect that
vertical antenna to your receiver?

- I used to live in Tujunga CA and could also
receive PLI (can not remember the frequency),
but Tujunga is about 8 miles from Burbank,
how far from Burbank are you?

Thanks

John Dokulil
WDX6GMX

----- Original Message -----
From: Chuck
To: nrd-525-535@yahoogroups.com
Sent: Friday, November 18, 2005 2:19 PM
Subject: Re: [nrd-525-535] Re: About Antennas: 'Splain this one...

Les,

I was interested in what you said about it being go on shortwave too.

All my antennas were blown down during Wilma and since then, I
haven't had the motivation to put them back up. I also lost my
home's roof.

Anyway, glad to hear about your antenna and I will be looking
around for a vertical.

Chuck

----- Original Message -----
From: "caladonia5560" <caladonia5560@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, November 18, 2005 19:55
Subject: [nrd-525-535] Re: About Antennas: 'Splain this one...

> Hi Chuck,
>
> The vertical is a modified ground plane antenna (CB?)that I found next
> to a dumpster about 20 years ago. I removed the 3 horizontal ground
> plane elements and also removed a built-in matching coil from the
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> top-hat element on the upper section.
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> --- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@p...> wrote:
> >
> > Les,
> >
> > Where did you get the vertical?
> >
> > Chuck
> >
> > ----- Original Message -----
> > From: "caladonia5560" <caladonia5560@y...>
> > To: <nrd-525-535@yahoogroups.com>
> > Sent: Thursday, November 17, 2005 20:06
> > Subject: [nrd-525-535] Re: About Antennas: 'Splain this one...
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> >
> > > I live in Las Vegas, Nevada, also a very rough environment for radio
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> > > Les Layton
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> > > --- In nrd-525-535@yahoogroups.com, "Jim Hackett" <jim_hack@y...>
> wrote:
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> > > > First off, I live in San Jose, a notoriously BAD place to live
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> > > > LOTS of cell towers everywhere. I also live about 3/4 of a mile
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> > > >
> > > > I have 45ft, 55 ft, and 60ft random wire antennas that point
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> > > > I have a dipole that is cut for around 15 mhz. I also have a Sony
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> > > > higher noise ratio) but only within a fairly narrow range. Same

> with
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1148. poll for other type antennas

Yahoo group: nrd-525-535
Date: 2005-11-19 03:53:11 UTC
From: Bill Cotter
Topic: 1112 Message: 1148

Hi Patrick,

Actually, we live on a 1+ acre lot (125'x310') in a subdivision of about 100 similar homes, all on a horseshoe street. No, there are no CCR's or restrictions, thank goodness. I chose the property ten years ago because of this and because it was higher than average terrain (998'ASL).

The four-square array takes up an amazing small amount of space. The verticals are placed on a square of about 34ft on a side, and the radials extend out another 35ft in all directions. This arrangement could easily fit on a 50ft wide lot by 'bending' the radials to fit the property boundaries.

Anyone with a desire to have a steerable (directional) antenna for SWL'ing should consider some form of phased array, whether it is two, three or four verticals. The gain, front-to-back ratio and low noise is worth the effort. I highly recommend purchasing a copy of the ARRL Antenna Handbook. It is written in clear language with many practical examples.

The tower is another story..... It is big and takes up a good chunk of the back yard.

thanks - bill

At 09:15 AM 11/16/2005, you wrote:
>Amazing description, amazing rig & setup. Thanks for the details.
>You obviously don't live on a 1/2 acre suburban lot, nor deal with
>zoning regulations. This must come close to being the Lamborgini
>of antenna setups. :-)
>
>
>------------------------ Yahoo! Groups Sponsor
>----------------------~-->
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>home page
>http://us.click.yahoo.com/dpRU5A/wUILAA/yQLSAA/ELTolB/TM
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>Yahoo! Groups Links
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Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

1149. FS: NRD-525 and 535 options

Yahoo group: nrd-525-535
Date: 2005-11-19 16:59:37 UTC
From: kf6ikc
Topic: 1149 Message: 1149

Hi Gang.
I am selling most of the options for the NRD-525. Most of these will work on the 535 as well. I am not sure of what to ask so I am open to offers at this time. All options come with paper work. Here is what I have:

Filters - CFL-218A and CFL 233.

RTTY - CMH-530 and the hard to find CKJ-61 tuning indicator.

RS-232C interface - CMH-532

V-UHF converter CMK-165

I can email pics. Please respond directly to me at kf6ikc@sbcglobal.net

All units removed from a working NRD-525.

Take care,Stan

1150. Re: About Antennas: 'Splain this one...

Yahoo group: nrd-525-535
Date: 2005-11-19 18:59:49 UTC
From: caladonia5560
Topic: 1140 Message: 1150

John,

The combined length of the vertical sections is about 18 ft, but I
don't think its very critical, since the antenna is untuned. I have it
mounted up about 20 ft off of the ground on two sections of pipe that
are screwed together. The bottom of the pipe is in concrete and the
top fastened to a chimney to keep everything steady. I am using about
a 50 ft run of RG-58 coax to feed the antenna.

Burbank is a little over 200 miles from Las Vegas, PLI on 183.5 KHZ
has been coming in strong lately every night after sunset.

Les

--- In nrd-525-535@yahoogroups.com, "John Dokulil" <jdokulil@u...> wrote:
>
> Les,
>
> I have not tinkered at all with vertical antennas,
> and am thinking it's about time to do so. I have
> spent the last 8 years experimenting with
> Horizontal and Shoppers (Manufactured and
> Home Brew) and am now (finely) reasonably
> satisfied with the two 30 Degree slopping
> antennas I am currently using.
>
> But that urge to put another antenna up is
> again growing, so I think it's time to start
> tinkering a bit with verticals and loops.
>
> Several questions...
>
> - Do you by chance know the overall length
> of the 3 combined sections of that modified
> vertical antenna of yours?
>
> - What are you using to connect that
> vertical antenna to your receiver?
>
> - I used to live in Tujunga CA and could also
> receive PLI (can not remember the frequency),
> but Tujunga is about 8 miles from Burbank,
> how far from Burbank are you?
>
> Thanks
>

> John Dokulil
> WDX6GMX
>
> ---
> ----- Original Message -----
> From: Chuck
> To: nrd-525-535@yahoogroups.com
> Sent: Friday, November 18, 2005 2:19 PM
> Subject: Re: [nrd-525-535] Re: About Antennas: 'Splain this one...
>
>
> Les,
>
> I was interested in what you said about it being go on shortwave too.
>
> All my antennas were blown down during Wilma and since then, I
> haven't had the motivation to put them back up. I also lost my
> home's roof.
>
> Anyway, glad to hear about your antenna and I will be looking
> around for a vertical.
>
> Chuck
>
> ----- Original Message -----
> From: "caladonia5560" <caladonia5560@y...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Friday, November 18, 2005 19:55
> Subject: [nrd-525-535] Re: About Antennas: 'Splain this one...
>
>
> > Hi Chuck,
> >
> > The vertical is a modified ground plane antenna (CB?)that I
found next
> > to a dumpster about 20 years ago. I removed the 3 horizontal ground
> > plane elements and also removed a built-in matching coil from the
> > base. It consists of three sections that bolt together and has a
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> > top-hat element on the upper section.
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> > Like I said, I don't know why it works, but it has served me
well over
> > the years at two different locations. Last night I heard beacon
> > station PLI on 183.5 KHZ (A one watt part 15, CW beacon) located in
> > Burbank CA, loud and clear on the vertical with my NRD-525. It was
> > completely lost in the noise on my other two antennas.
> >
> > Les
> >

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> >
> > --- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@p...> wrote:
> > >
> > > Les,
> > >
> > > Where did you get the vertical?
> > >
> > > Chuck
> > >
> > > ----- Original Message -----
> > > From: "caladonia5560" <caladonia5560@y...>
> > > To: <nrd-525-535@yahoogroups.com>
> > > Sent: Thursday, November 17, 2005 20:06
> > > Subject: [nrd-525-535] Re: About Antennas: 'Splain this one...
> > >
> > >
> > > > I live in Las Vegas, Nevada, also a very rough environment
for radio
> > > > reception. I read with interest your results with a Radio Shack
> > > > discone, since I have one that I use one for VHF/UHF
monitoring. It
> > > > seems to work pretty well here, but not great for HF
reception. The
> > > > antenna that I favor is a 18 ft vertical, end-fed by coax
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> > > > bottom about up about 20 feet from the ground. I also have a
60 ft
> > > > random wire and a Grove off-center fed dipole. The random
wire is
> > > > almost useless because of the locally generated
computer/TV/etc. noise
> > > > from my house and those nearby. The Grove antenna is OK on
some bands,
> > > > but also very noisy. The vertical is excellent from VLF up
to 30 MHZ
> > > > and is pretty much immune to locally generated noise...for
reasons I
> > > > can't explain either.
> > > >
> > > > Les Layton
> > > >
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> > > > --- In nrd-525-535@yahoogroups.com, "Jim Hackett"
<jim_hack@y...>
> > wrote:
> > > > >
> > > > > First off, I live in San Jose, a notoriously BAD place to live
> > for h.f.
> > > > > LOTS of cell towers everywhere. I also live about 3/4 of
a mile
> > from
> > > > > a 50kw spanish BLOWTORCH (KABL). I have learned to cope
with KABL
> > > > > using a high pass filter. All of our utilities are
underground.
> > > > >
> > > > > Here's the thing...
> > > > >
> > > > > I have 45ft, 55 ft, and 60ft random wire antennas that point
> > directly
> > > > > to the blowtorch for minimal problems. They also happen
to be N/S.
> > > > > I have a dipole that is cut for around 15 mhz. I also have
a Sony
> > > > > ANLP1 and 3 R.S. discones. Out of ALL those choices, the
antenna
> > that
> > > > > gives me the most consistent performance across the entire
h.f.
> > > > > spectrum is... DRUM ROLL PLEASE.....
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> > > > > The discone! Can anyone explain that? All my antennas
are fed with
> > > > > grounded RG-58. The random wires work slightly better
(with a much
> > > > > higher noise ratio) but only within a fairly narrow range.
Same
> > with
> > > > > my dipole. The discone isn't even an h.f. antenna! It is
MUCH less
> > > > > noisy and gives satisfactory performance down to the

broadcast band.
> > > > > I don't understand this.
> > > > >
> > > > > Comments, anyone?
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Service.
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>

1151. Re: [nrd-525-535] FS: NRD-525 and 535 options

Yahoo group: nrd-525-535
Date: 2005-11-19 22:22:10 UTC
From: Jim DiMauro
Topic: 1149 Message: 1151

Stan:

I'd like to buy the CMK-165 converter. Please contact
me off the list at radio6146@... and we'll
discuss the details.

73,
Jim

--- kf6ikc <kf6ikc@...> wrote:

> Hi Gang.
> I am selling most of the options for the NRD-525.
> Most of these
> will work on the 535 as well. I am not sure of what
> to ask so I am
> open to offers at this time. All options come with
> paper work. Here
> is what I have:
>
> Filters - CFL-218A and CFL 233.
>
> RTTY - CMH-530 and the hard to find CKJ-61 tuning
> indicator.
>
> RS-232C interface - CMH-532
>
> V-UHF converter CMK-165
>
> I can email pics. Please respond directly to me at
> kf6ikc@...
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> All units removed from a working NRD-525.
>
> Take care,Stan
>
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1152. Re: [nrd-525-535] Re: About Antennas: 'Splain this one...

Yahoo group: nrd-525-535
Date: 2005-11-20 00:58:04 UTC
From: John Dokulil
Topic: 1140 Message: 1152

Les

Thanks...
You gave me exactly what I need, especially
the ratio of antenna length to it's height off the
ground.

Las Vegas, with all that RFI/EMI you can still
get PLI, Burbank CA. I am impressed!

Again Thanks

John Dokulil
WDX6GMX

----- Original Message -----
From: caladonia5560
To: nrd-525-535@yahoogroups.com
Sent: Saturday, November 19, 2005 10:59 AM
Subject: [nrd-525-535] Re: About Antennas: 'Splain this one...

John,

The combined length of the vertical sections is about 18 ft, but I
don't think its very critical, since the antenna is untuned. I have it
mounted up about 20 ft off of the ground on two sections of pipe that
are screwed together. The bottom of the pipe is in concrete and the
top fastened to a chimney to keep everything steady. I am using about
a 50 ft run of RG-58 coax to feed the antenna.

Burbank is a little over 200 miles from Las Vegas, PLI on 183.5 KHZ
has been coming in strong lately every night after sunset.

Les

--- In nrd-525-535@yahoogroups.com, "John Dokulil" <jdokulil@u...> wrote:
>
> Les,
>
> I have not tinkered at all with vertical antennas,
> and am thinking it's about time to do so. I have
> spent the last 8 years experimenting with
> Horizontal and Shoppers (Manufactured and
> Home Brew) and am now (finely) reasonably
> satisfied with the two 30 Degree slopping
> antennas I am currently using.

>
> But that urge to put another antenna up is
> again growing, so I think it's time to start
> tinkering a bit with verticals and loops.
>
> Several questions...
>
> - Do you by chance know the overall length
> of the 3 combined sections of that modified
> vertical antenna of yours?
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> - What are you using to connect that
> vertical antenna to your receiver?
>
> - I used to live in Tujunga CA and could also
> receive PLI (can not remember the frequency),
> but Tujunga is about 8 miles from Burbank,
> how far from Burbank are you?
>
> Thanks
>
> John Dokulil
> WDX6GMX
>
> ---
> ----- Original Message -----
> From: Chuck
> To: nrd-525-535@yahoogroups.com
> Sent: Friday, November 18, 2005 2:19 PM
> Subject: Re: [nrd-525-535] Re: About Antennas: 'Splain this one...
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>
> Les,
>
> I was interested in what you said about it being go on shortwave too.
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> All my antennas were blown down during Wilma and since then, I
> haven't had the motivation to put them back up. I also lost my
> home's roof.
>
> Anyway, glad to hear about your antenna and I will be looking
> around for a vertical.
>
> Chuck
>
> ----- Original Message -----
> From: "caladonia5560" <caladonia5560@y...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Friday, November 18, 2005 19:55
> Subject: [nrd-525-535] Re: About Antennas: 'Splain this one...

>
>
> > Hi Chuck,
> >
> > The vertical is a modified ground plane antenna (CB?)that I
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> > > ----- Original Message -----
> > > From: "caladonia5560" <caladonia5560@y...>
> > > To: <nrd-525-535@yahoogroups.com>
> > > Sent: Thursday, November 17, 2005 20:06
> > > Subject: [nrd-525-535] Re: About Antennas: 'Splain this one...
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> > >
> > > > I live in Las Vegas, Nevada, also a very rough environment
for radio
> > > > reception. I read with interest your results with a Radio Shack
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reception. The
> > > > antenna that I favor is a 18 ft vertical, end-fed by coax
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> > > > bottom about up about 20 feet from the ground. I also have a
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computer/TV/etc. noise
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some bands,
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to 30 MHZ
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> > wrote:
> > > > > >
> > > > > > First off, I live in San Jose, a notoriously BAD place to live
> > for h.f.
> > > > > > LOTS of cell towers everywhere. I also live about 3/4 of
a mile
> > from
> > > > > > a 50kw spanish BLOWTORCH (KABL). I have learned to cope
with KABL
> > > > > > using a high pass filter. All of our utilities are
underground.
> > > > > >
> > > > > > Here's the thing...
> > > > > >
> > > > > > I have 45ft, 55 ft, and 60ft random wire antennas that point
> > directly

> > > > > to the blowtorch for minimal problems. They also happen
to be N/S.
> > > > > I have a dipole that is cut for around 15 mhz. I also have
a Sony
> > > > > ANLP1 and 3 R.S. discones. Out of ALL those choices, the
antenna
> > that
> > > > > > gives me the most consistent performance across the entire
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> > > > > > The discone! Can anyone explain that? All my antennas
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> > > > > > higher noise ratio) but only within a fairly narrow range.
Same
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> > > > > > Comments, anyone?
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1153. Re: CMK-165 Converter impressions

Yahoo group: nrd-525-535
Date: 2005-11-20 06:59:03 UTC
From: Tom Adams
Topic: 1085 Message: 1153

Hello Patrick.

As far as finding the converter is concerned, I got mine on EBAY. It's possible that there MAY be a few of them on dealer's shelves, but finding them would be pure luck nowadays.

Ditto EBAY. Accesories like this usually stay with the radio and don't get sold seperately. I was quite surprised to find the loose converter floating around.

I was fortunate enough to find the RS-232 interface board for my radio loose too... once again, pure dumb luck.

A few dealers in used equipment have begun seperating accesories from trade-in radios and selling them loose; that's how I was able to load up my Icom R71A with a lot of goodies.

As far as price is concerned... I can't really give you figures on what's normal, because this is by nature an abnormal purchase. I can say tho that used JRC add-ons seem to run quite a bit higher than Icom stuff. My guess is that JRC accesories are less common, were more expensive to begin with, and thus weren't purchased new as frequently as Icom stuff.

73's,

Tom, W9LBB

--- In nrd-525-535@yahoogroups.com, "patrickcgarner" <patrickgarner@m...> wrote:
>
> Tom,
> Thanks for the review. Excellent, comprehensive. This may stand alone as the best thing
> on the web regarding the converter. My only questions are: (1) Where can the converter be
> found? and (2) What's it worth?!
>

1154. Re: [nrd-525-535] Re: CMK-165 Converter impressions

Yahoo group: nrd-525-535
Date: 2005-11-20 14:05:51 UTC
From: Patrick Garner
Topic: 1085 Message: 1154

Thanks, Tom. Your experience w/ pricing & JRC parts seems identical to mine--difficult to determine, somewhat random, tiny market, occasional availability. My concern as the prices become memorable, particularly for the 515-525s, is that we're now describing *old* components, in many cases more than 20 years in age. So the risk factor for a failure goes way up. As much as I enjoy my 525 (it's at Kiwa now for the full run of mods), I'm beginning to wonder if simply picking up a current 545 wouldn't make tremendous sense...

1155. NRD-525 and 535 options on **EBAY NOW**

Yahoo group: nrd-525-535
Date: 2005-11-20 17:29:08 UTC
From: kf6ikc
Topic: 1149 Message: 1155

Well due to the many replies..(some of them being outright
RUDE)...and having no idea what a "fair" price should be. I have
listed the units on ebay as a package deal. Anyone that is
interested should take a look. The link is:

http://cm.ebay.com/cm/ck/1065-29296-2357-0?
uid=1110474&site=0&ver=LCA080805&item=5832480682&lk=URL

Or just due a ebay search for JRC NRD-525 and it should pull it up.
Thanks to ALL who responded.

Take care,Stan

--- In nrd-525-535@yahoogroups.com, "kf6ikc" <kf6ikc@s...> wrote:
>
> Hi Gang.
> I am selling most of the options for the NRD-525. Most of these
> will work on the 535 as well. I am not sure of what to ask so I am
> open to offers at this time. All options come with paper work.
Here
> is what I have:
>
> Filters - CFL-218A and CFL 233.
>
> RTTY - CMH-530 and the hard to find CKJ-61 tuning indicator.
>
> RS-232C interface - CMH-532
>
> V-UHF converter CMK-165
>
> I can email pics. Please respond directly to me at
> kf6ikc@s...
>
> All units removed from a working NRD-525.
>
> Take care,Stan
>

1156. Re: [nrd-525-535] NRD-525 and 535 options on **EBAY NOW**

Yahoo group: nrd-525-535
Date: 2005-11-20 17:46:20 UTC
From: Jim DiMauro
Topic: 1149 Message: 1156

Speaking of rude, thanks for not replying to my
inquiry, and thanks for the eBay link. Good luck, I'm
no longer interested.

Jim

--- kf6ikc <kf6ikc@...> wrote:

> Well due to the many replies..(some of them being
> outright
> RUDE)...and having no idea what a "fair" price
> should be. I have
> listed the units on ebay as a package deal. Anyone
> that is
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> http://cm.ebay.com/cm/ck/1065-29296-2357-0?
>
uid=1110474&site=0&ver=LCA080805&item=5832480682&lk=URL
>
> Or just due a ebay search for JRC NRD-525 and it
> should pull it up.
> Thanks to ALL who responded.
>
> Take care,Stan
>
> --- In nrd-525-535@yahoogroups.com, "kf6ikc"
> <kf6ikc@s...> wrote:
> >
> > Hi Gang.
> > I am selling most of the options for the NRD-525.
> Most of these
> > will work on the 535 as well. I am not sure of
> what to ask so I am
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> paper work.
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> >
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> >
> > All units removed from a working NRD-525.
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> > Take care,Stan
> >
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1157. Re: NRD-525 and 535 options on **EBAY NOW**

Yahoo group: nrd-525-535
Date: 2005-11-20 19:09:05 UTC
From: Jim Hackett
Topic: 1149 Message: 1157

LOL. I don't think I'll bid either BUT ONLY because I don't
want/need the whole package. I was only interested in the CMK-165.
I DO appreciate the fact that you offered it here first to us, Stan.

--- In nrd-525-535@yahoogroups.com, Jim DiMauro <radio6146@y...>
wrote:
>
> Speaking of rude, thanks for not replying to my
> inquiry, and thanks for the eBay link. Good luck, I'm
> no longer interested.
>
> Jim
>
> --- kf6ikc <kf6ikc@s...> wrote:
>
> > Well due to the many replies..(some of them being
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> > RUDE)...and having no idea what a "fair" price
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> > Or just due a ebay search for JRC NRD-525 and it
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> > Take care,Stan
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> > --- In nrd-525-535@yahoogroups.com, "kf6ikc"
> > <kf6ikc@s...> wrote:
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> > > Hi Gang.
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> > > V-UHF converter CMK-165
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> > > I can email pics. Please respond directly to me at
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> > > kf6ikc@s...
> > >
> > > All units removed from a working NRD-525.
> > >
> > > Take care,Stan
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1158. Re: NRD-525 and 535 options on **EBAY NOW**

Yahoo group: nrd-525-535
Date: 2005-11-20 19:36:29 UTC
From: kf6ikc
Topic: 1149 Message: 1158

Yep...I understand Jim. I was just looking for fair offers. I did receive a few but the other "offers" (read flames) swayed me to list them on ebay where fair market ebay prices will dictate the going price. I would much rather have sold the items to members of this list.

And to Jim DiMauro....PLEASE go back and read my original post. I asked for those who were interested to emial me DIRECT...not to post here as I do not read the listing very often. So I missed your "reply".

Take care, Stan

--- In nrd-525-535@yahoogroups.com, "Jim Hackett" <jim_hack@y...> wrote:
>
> LOL. I don't think I'll bid either BUT ONLY because I don't
> want/need the whole package. I was only interested in the CMK-165.
> I DO appreciate the fact that you offered it here first to us, Stan.
>
>
>
> --- In nrd-525-535@yahoogroups.com, Jim DiMauro <radio6146@y...>
> wrote:
> >
> > Speaking of rude, thanks for not replying to my
> > inquiry, and thanks for the eBay link. Good luck, I'm
> > no longer interested.
> >
> > Jim
> >
> > --- kf6ikc <kf6ikc@s...> wrote:
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> > > Well due to the many replies..(some of them being
> > > outright
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> > > listed the units on ebay as a package deal. Anyone
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> > > http://cm.ebay.com/cm/ck/1065-29296-2357-0?
> > >
> > uid=1110474&site=0&ver=LCA080805&item=5832480682&lk=URL

> > >
> > > Or just due a ebay search for JRC NRD-525 and it
> > > should pull it up.
> > > Thanks to ALL who responded.
> > >
> > > Take care,Stan
> > >
> > > --- In nrd-525-535@yahoogroups.com, "kf6ikc"
> > > <kf6ikc@s...> wrote:
> > > >
> > > > Hi Gang.
> > > > I am selling most of the options for the NRD-525.
> > > Most of these
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> > > paper work.
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> > > > is what I have:
> > > >
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1159. Re: [nrd-525-535] Re: NRD-525 and 535 options on **EBAY NOW**

Yahoo group: nrd-525-535
Date: 2005-11-20 21:38:34 UTC
From: Jim DiMauro
Topic: 1149 Message: 1159

Stan:

Please forgive my knee-jerk reaction. After years of on-and-off trying to find a converter for my '525, I was very pleased to have found one for sale, only to have it vaporize before my eyes. Sort of a tease, don't you think? BTW, I have no problem with your putting it on eBay, it's just that I don't need or want the package, so it's back to searching and waiting...

Regarding the direct e-mail you asked for, I had two direct e-mails bounce, hence my request on-list for you to contact me (my fault, I transposed two letters in your e-mail address). Anyway, more than 'nuff said, and once again forgive me for hitting "send" before thinking twice.

73,
Jim

--- kf6ikc <kf6ikc@...> wrote:

> Yep...I understand Jim. I was just looking for fair
> offers. I did
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> price. I would much rather have sold the items to
> members of this
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> And to Jim DiMauro....PLEASE go back and read my
> original post. I
> asked for those who were interested to emial me
> DIRECT...not to post
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> your "reply".
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> Take care, Stan
>
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> --- In nrd-525-535@yahoogroups.com, "Jim Hackett"
> <jim_hack@y...>

> wrote:
> >
> > LOL. I don't think I'll bid either BUT ONLY
> because I don't
> > want/need the whole package. I was only
> interested in the CMK-
> 165.
> > I DO appreciate the fact that you offered it here
> first to us,
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> > --- In nrd-525-535@yahoogroups.com, Jim DiMauro
> <radio6146@y...>
> > wrote:
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> > > no longer interested.
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> > > Jim
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> > > --- kf6ikc <kf6ikc@s...> wrote:
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> uid=1110474&site=0&ver=LCA080805&item=5832480682&lk=URL
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> > > > Or just due a ebay search for JRC NRD-525 and
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> > > > should pull it up.
> > > > Thanks to ALL who responded.
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> > > > Take care,Stan
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> > > > --- In nrd-525-535@yahoogroups.com, "kf6ikc"

> > > > <kf6ikc@s...> wrote:
> > > > >
> > > > > Hi Gang.
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1160. Digital Decoding software/hardware questionHello Group,

Yahoo group: nrd-525-535
Date: 2005-11-21 17:55:00 UTC
From: kg4big
Topic: 1160 Message: 1160

Hello Group,

I was wondering if some of you utility monitoring guru's could help a newbie out & answer a question or 2 ?

Since I own one of the best Utility DX'ing receivers on the planet...NRD525... I thought it might be fun to learn about & do some of it.

My question is...What kind of software do you guys use to decode the digital stuff....NAVTEX, Sitor, Amtor, RTTY & many others ? I thought I might try to buy Hardware...M7000 M6000 or something like that... but isn't software decoding just about as good ... And a bunch cheaper.

Any info on the digital modes would be most welcomed & appreciated.

73 es DX Ken KG4BIG

1161. Touch up paint for NRD-525 front panel

Yahoo group: nrd-525-535
Date: 2005-11-23 04:01:46 UTC
From: pabigelow
Topic: 1161 Message: 1161

Has anyone found a good touch up paint for the NRD-525 front panel?

After years of use a little bit of some underlying black plastic has
appeared on the bottom corners of the front panel.

Thanks!

Paul

1162. Re: NRD-525 and 535 options on **EBAY NOW**

Yahoo group: nrd-525-535
Date: 2005-11-23 22:31:45 UTC
From: Tom Adams
Topic: 1149 Message: 1162

Hello Jim.

You're interested in the converter, and I'm interested in the RTTY stuff.

Maybe we can join forces on an EBAY bid! ;o)

Write me at quixote2@...

73's,

Tom, W9LBB

--- In nrd-525-535@...m, Jim DiMauro <radio6146@y...> wrote:
>
> Stan:
>
> Please forgive my knee-jerk reaction. After years of
> on-and-off trying to find a converter for my '525, I
> was very pleased to have found one for sale, only to
> have it vaporize before my eyes. Sort of a tease,
> don't you think? BTW, I have no problem with your
> putting it on eBay, it's just that I don't need or
> want the package, so it's back to searching and
> waiting...
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> Regarding the direct e-mail you asked for, I had two
> direct e-mails bounce, hence my request on-list for
> you to contact me (my fault, I transposed two letters
> in your e-mail address). Anyway, more than 'nuff
> said, and once again forgive me for hitting "send"
> before thinking twice.
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> 73,
> Jim
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> --- kf6ikc <kf6ikc@s...> wrote:
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> > Yep...I understand Jim. I was just looking for fair
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> > > > > Or just due a ebay search for JRC NRD-525 and
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1163. RE: [nrd-525-535] Re: NRD-525 and 535 options on **EBAY NOW**

Yahoo group: nrd-525-535
Date: 2005-11-23 22:42:36 UTC
From: Gary Saltz
Topic: 1149 Message: 1163

Jim,

I'm interested in the filters!

Gary

WA9IQW
garysaltz@...

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of Tom Adams
Sent: Wednesday, November 23, 2005 3:32 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: NRD-525 and 535 options on **EBAY NOW**

Hello Jim.

You're interested in the converter, and I'm interested in the RTTY stuff.

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Write me at quixote2@...

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> > AIDS in India: A "lurking bomb." Click and help stop
> > AIDS now.
> >
> http://us.click.yahoo.com/VpTY2A/lzNLAA/yQLSAA/ELTolB/TM
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YAHOO! GROUPS LINKS

* Visit your group "nrd-525-535
<http://groups.yahoo.com/group/nrd-525-535> " on the web.

* To unsubscribe from this group, send an email to:
nrd-525-535-unsubscribe@yahoogroups.com
<mailto:nrd-525-535-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
<http://docs.yahoo.com/info/terms/> .

1164. Re: Digital Decoding software/hardware questionHello Group,

Yahoo group: nrd-525-535
Date: 2005-11-23 22:51:14 UTC
From: Tom Adams
Topic: 1160 Message: 1164

Hello Ken.

I haven't done much software decoding here; my shack is home to an M6000, M7000, and M8000. Incidentally, I also have a VERY rare accessory that they made to go with the M6000 and M7000, the combination outboard bandpass filter & tuning scope.

If you go the hardware approach tho, I wouldn't recommend ANY of them these days. They were good in the past, but I'm afraid they're now being outclassed by the Hoka Code stuff & a PC. That's the route I want to take once I can afford it.

Since I also have the Icom PCR-1000 here, I've played around with the Bonito Software for Windows that they bundle with it, mostly for FAX and weather satellite decoding (the Bonito software is NOT receiver particular, so you can run anything into it).

I would recommend that you AVOID the Bonito software for the following reasons:

- It requires the use of s "dongle" on your computer. If you don't know what that is, ask anyone who was playing with computers 20 years ago. ;o)

- The manual was originally in GERMAN, and the English translation SUCKS BIGTIME; most of it makes no sense whatever.

- On the Icom PCR-1000 group I've seen nothing but complaints about how difficult the Bonito software is to use; that's a direct result of the rotten manual translation. I think I'm one of a very small number of English speaking users who's been able to make it play, and that's mainly because i managed to find out how to configure it by trial and error.

I've only tried to get the Bonito software working in the Baudot RTTY and FAX modes (it's my preferred method of copying satellite FAX) and have been pretty successful with it, but only thru blood, sweat, and tears.

73's

Tom, W9LBB

--- In nrd-525-535@yahoogroups.com, "kg4big" <kg4big@y...> wrote:
>
> Hello Group,
>
> I was wondering if some of you utility monitoring guru's could

help a
> newbie out & answer a question or 2 ?
>
> Since I own one of the best Utility DX'ing receivers on the
> planet...NRD525... I thought it might be fun to learn about & do
some
> of it.
>
> My question is...What kind of software do you guys use to decode
the
> digital stuff....NAVTEX, Sitor, Amtor, RTTY & many others ? I
thought
> I might try to buy Hardware...M7000 M6000 or something like that...
> but isn't software decoding just about as good ... And a bunch
cheaper.
>
> Any info on the digital modes would be most welcomed & appreciated.
>
> 73 es DX Ken KG4BIG
>

1165. Re: NRD-525 and 535 options on **EBAY NOW**

Yahoo group: nrd-525-535
Date: 2005-11-23 22:53:05 UTC
From: Tom Adams
Topic: 1149 Message: 1165

OH BOY!!!

THIS is getting INTERESTING! :o)

Mr. T, W9LBB

--- In nrd-525-535@yahoogroups.com, "Gary Saltz" <garysaltz@c...>
wrote:
>
> Jim,
>
> I'm interested in the filters!
>
> Gary
>
> WA9IQW
> garysaltz@c...
>
> _____
>
> From: nrd-525-535@yahoogroups.com [mailto:nrd-525-
535@yahoogroups.com] On
> Behalf Of Tom Adams
> Sent: Wednesday, November 23, 2005 3:32 PM
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] Re: NRD-525 and 535 options on **EBAY NOW**
>
> Hello Jim.
>
> You're interested in the converter, and I'm interested in the RTTY
> stuff.
>
> Maybe we can join forces on an EBAY bid! ;o)
>
> Write me at quixote2@i...
>
>
> 73's,
>
> Tom, W9LBB
>
>
>
> --- In nrd-525-535@yahoogroups.com, Jim DiMauro <radio6146@y...>
> wrote:
> >

> > Stan:
> >
> > Please forgive my knee-jerk reaction. After years of
> > on-and-off trying to find a converter for my '525, I
> > was very pleased to have found one for sale, only to
> > have it vaporize before my eyes. Sort of a tease,
> > don't you think? BTW, I have no problem with your
> > putting it on eBay, it's just that I don't need or
> > want the package, so it's back to searching and
> > waiting...
> >
> > Regarding the direct e-mail you asked for, I had two
> > direct e-mails bounce, hence my request on-list for
> > you to contact me (my fault, I transposed two letters
> > in your e-mail address). Anyway, more than 'nuff
> > said, and once again forgive me for hitting "send"
> > before thinking twice.
> >
> > 73,
> > Jim
> >
> > --- kf6ikc <kf6ikc@s...> wrote:
> >
> > > Yep...I understand Jim. I was just looking for fair
> > > offers. I did
> > > receive a few but the other "offers" (read flames)
> > > swayed me to list
> > > them on ebay where fair market ebay prices will
> > > dictate the going
> > > price. I would much rather have sold the items to
> > > members of this
> > > list.
> > >
> > > And to Jim DiMauro....PLEASE go back and read my
> > > original post. I
> > > asked for those who were interested to emial me
> > > DIRECT...not to post
> > > here as I do not read the listing very often. So I
> > > missed
> > > your "reply".
> > >
> > > Take care, Stan
> > >
> > >
> > > --- In nrd-525-535@yahoogroups.com, "Jim Hackett"
> > > <jim_hack@y...>
> > > wrote:
> > > >
> > > > LOL. I don't think I'll bid either BUT ONLY
> > > because I don't

> > > > want/need the whole package. I was only
> > > interested in the CMK-
> > > 165.
> > > > I DO appreciate the fact that you offered it here
> > > first to us,
> > > Stan.
> > > >
> > > >
> > > >
> > > > --- In nrd-525-535@yahoogroups.com, Jim DiMauro
> > > <radio6146@y...>
> > > > wrote:
> > > > >
> > > > > Speaking of rude, thanks for not replying to my
> > > > > inquiry, and thanks for the eBay link. Good
> > > luck, I'm
> > > > > no longer interested.
> > > > > >
> > > > > Jim
> > > > > >
> > > > > --- kf6ikc <kf6ikc@s...> wrote:
> > > > > >
> > > > > > Well due to the many replies..(some of them
> > > being
> > > > > > outright
> > > > > > RUDE)...and having no idea what a "fair" price
> > > > > > should be. I have
> > > > > > listed the units on ebay as a package deal.
> > > Anyone
> > > > > > that is
> > > > > > interested should take a look. The link is:
> > > > > >
> > > > > > http://cm.ebay.com/cm/ck/1065-29296-2357-0?
> > > > > >
> > > > > >
> > >
> > uid=1110474&site=0&ver=LCA080805&item=5832480682&lk=URL
> > > > > >
> > > > > > Or just due a ebay search for JRC NRD-525 and
> > > it
> > > > > > should pull it up.
> > > > > > Thanks to ALL who responded.
> > > > > >
> > > > > > Take care,Stan
> > > > > >
> > > > > > --- In nrd-525-535@yahoogroups.com, "kf6ikc"
> > > > > > <kf6ikc@s...> wrote:
> > > > > > >
> > > > > > > Hi Gang.
> > > > > > > I am selling most of the options for the

> > > NRD-525.
> > > > > > Most of these
> > > > > > > will work on the 535 as well. I am not sure
> > > of
> > > > > > what to ask so I am
> > > > > > > open to offers at this time. All options
> > > come with
> > > > > > paper work.
> > > > > > Here
> > > > > > > is what I have:
> > > > > > >
> > > > > > > Filters - CFL-218A and CFL 233.
> > > > > > >
> > > > > > > RTTY - CMH-530 and the hard to find CKJ-61
> > > tuning
> > > > > > indicator.
> > > > > > >
> > > > > > > RS-232C interface - CMH-532
> > > > > > >
> > > > > > > V-UHF converter CMK-165
> > > > > > >
> > > > > > > I can email pics. Please respond directly to
> > > me at
> > > > > >
> > > > > > kf6ikc@s...
> > > > > > >
> > > > > > > All units removed from a working NRD-525.
> > > > > > >
> > > > > > > Take care,Stan
> > > > > > >
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> > > http://us.click.yahoo.com/VpTY2A/lzNLAA/yQLSAA/ELTolB/TM
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> YAHOO! GROUPS LINKS
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> * Visit your group "nrd-525-535
> <http://groups.yahoo.com/group/nrd-525-535> " on the web.
>
> * To unsubscribe from this group, send an email to:
> nrd-525-535-unsubscribe@yahoogroups.com
> <mailto:nrd-525-535-unsubscribe@yahoogroups.com?
subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service
> <http://docs.yahoo.com/info/terms/> .
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>

1166. 365 members & 25 votes in the current antenna poll...

Yahoo group: nrd-525-535
Date: 2005-11-24 02:16:43 UTC
From: patrickcgarner
Topic: 1166 Message: 1166

First, thanks to the 25 members who have contributed to the poll, & to the members who have made extensive comments about their antenna(s).

That being said, there are still 340 members of this group who have not participated. For those of you who have not, take a brief moment & contribute to the poll! Voting ends on November 28.

I've promised to compile results, & to perhaps try to further identify the type of antenna used
by the many users who have checked off "Other" as their choice. At this moment, Other is the
largest category, but it just slightly edges out "Your Own Homebrew Longwire."

The more participants, the more accurate the results. So jump in if you already haven't! Thanks.

1167. Re: [nrd-525-535] Re: Digital Decoding software/hardware questionHello Group,

Yahoo group: nrd-525-535
Date: 2005-11-24 02:07:31 UTC
From: Brian Denley
Topic: 1160 Message: 1167

Tom Adams wrote:
> Hello Ken.
>
> I haven't done much software decoding here; my shack is home to an
> M6000, M7000, and M8000. Incidentally, I also have a VERY rare
> accessory that they made to go with the M6000 and M7000, the
> combination outboard bandpass filter & tuning scope.
>
Ken:
I have the M7000 and I have written a computer program to run it. I was unaware of that tuning scope accesory. Do you have a photo?
Brian Denley
http://home.comcast.net/~b.denley/index.html

1168. Re: Digital Decoding software/hardware questionHello Group,

Yahoo group: nrd-525-535
Date: 2005-11-24 03:07:19 UTC
From: Tom Adams
Topic: 1160 Message: 1168

Not with me; I'm at work at the moment.

I think that a digital photo and more details can be supplied tho.

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@c...>
wrote:
>
> Tom Adams wrote:
> > Hello Ken.
> >
> > I haven't done much software decoding here; my shack is home to
an
> > M6000, M7000, and M8000. Incidentally, I also have a VERY rare
> > accessory that they made to go with the M6000 and M7000, the
> > combination outboard bandpass filter & tuning scope.
> >
> Ken:
> I have the M7000 and I have written a computer program to run it.
I was
> unaware of that tuning scope accesory. Do you have a photo?
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>

1169. Photos Uploaded

Yahoo group: nrd-525-535
Date: 2005-11-24 20:30:03 UTC
From: Tom Adams
Topic: 1169 Message: 1169

In response to a request I've uploaded pictures of the Info Tech /
Universal M-610 RTTY Tuning Scope / Audio Filter accesory meant for use
with the M6000 and M7000 digital decoders.

They're in a foldewr marked INFO TECH.

Enjoy!

73's,

Tom, W9LBB

1170. Something for the NRD-515 Folks Out There...

Yahoo group: nrd-525-535
Date: 2005-11-26 22:45:34 UTC
From: Tom Adams
Topic: 1170 Message: 1170

There have been SO many messages of late re. buying, selling, & trading NRD-525 parts and upgrade accessories that something just came to mind here.

Here's the story...

I was at the auction that was held when RADIO RECYCLERS in Milwaukee closed it's doors. Among the stuff there was a couple of NRD-525 filters, and a plug - in filter board for the NRD-515 containing a 300 Hz and a 600 Hz filter, and a second unused, NOS plug-in filter board. The whole shootin' match was bundled into one bidding lot.

I wanted that nice, fat 300 Hz filter BADLY for my NRD-525 (I'm a CW operator here), so I succesfully bid for the package... I was in shock at the price because I was the only one there who bid on it!!!

I stripped the 300 Hz filter off of the board & installed it in the NARROW slot, and socked away the other filters for a rainy day.

The two NRD-515 plug-in filter boards have been sitting in my desk drawer for about 5 years now, doing nothing useful. Even the used one is in good shape.

If anybody out there can use them, I can make you a HELL of a deal! <<smile>>

Drop me a note off the list and we can make arrangements to put 'em back to work in your radio.

73's,

Tom, W9LBB

1171. CGD-135 High Stability Crystal Kit

Yahoo group: nrd-525-535
Date: 2005-11-30 02:49:55 UTC
From: Brian Denley
Topic: 1171 Message: 1171

Installed this in my 535Db tonite. Didn't take too long and wouldn't have been a tough job at all except the holes in the board for the crystal oven were filled with solder (and very small). They weren't supposed to be filled and it was tough to clear them prior to the installation. All is now complete, however, and the oscillator alignment was a breeze. The result is much better frequency stability over time and temperature.

Brian Denley

1172. Poll results for nrd-525-535

Yahoo group: nrd-525-535
Date: 2005-11-30 15:24:16 UTC
From: nrd-525-535@yahoogroups.com
Topic: 1172 Message: 1172

The following nrd-525-535 poll is now closed. Here are the
final results:

POLL QUESTION: For all of you with a JRC receiver, what's your primary antenna? Let's assume most of us are listening between 1 -30 MHz. Are you long wire, active, dipole, sloping? Let us know! Poll closes 11/28/05. (The arrangement of the list of choices is completely arbitrary, & doesn't display favoritism toward any manufacturer. I swear.) If the majority of votes indicate "Other," perhaps we can run a followup to shake that out...

CHOICES AND RESULTS
- Alpha Delta DX-SWL Sloper?, 1 votes, 2.86%
- Alpha Delta DX Ultra?, 1 votes, 2.86%
- Antenna Supermarket's Eavesdropper SWL Sloper?, 1 votes, 2.86%
- Antenna Supermarket Eavesdropper Dipole?, 1 votes, 2.86%
- Your own homebrew long wire?, 15 votes, 42.86%
- Palomar Engineers Loop?, 0 votes, 0.00%
- AOR Loop?, 0 votes, 0.00%
- Active vertical antenna?, 1 votes, 2.86%
- Active Omnidirectional vertical?, 2 votes, 5.71%
- Other?, 13 votes, 37.14%

For more information about this group, please visit
http://groups.yahoo.com/group/nrd-525-535

For help with Yahoo! Groups, please visit
http://help.yahoo.com/help/us/groups/

1173. If only I could find a CMH532

Yahoo group: nrd-525-535
Date: 2005-12-02 17:54:38 UTC
From: jimbo352000
Topic: 1173 Message: 1173

Recently joined the group, as I`m intending to buy (from the UK or another member-country of the European Union)either a 525 or (preferably) a 535 early in the new year (temporary *cash-flow* problem).

Because I`d like to link the receiver to my PC for the Ergo4 program (http://swldx.com/ergo42htm)I looked at the CMH532 related files.. and conclude the search must be modified to find a 525 already *equipped*

James Turner
West Yorkshire
England

1174. AW: [nrd-525-535] If only I could find a CMH532

Yahoo group: nrd-525-535
Date: 2005-12-02 18:39:35 UTC
From: Reinhold Schuttkowski
Topic: 1173 Message: 1174

Hi, James!

If you´re interested: I have one for sale. Please mail me privately at reinholdschuttkowski@....

Have a nice weekend!

Reinhold

-----Ursprüngliche Nachricht-----
Von: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] Im Auftrag von jimbo352000
Gesendet: Freitag, 2. Dezember 2005 18:55
An: nrd-525-535@yahoogroups.com
Betreff: [nrd-525-535] If only I could find a CMH532

Recently joined the group, as I`m intending to buy (from the UK or another member-country of the European Union)either a 525 or (preferably) a 535 early in the new year (temporary *cash-flow* problem).

Because I`d like to link the receiver to my PC for the Ergo4 program (http://swldx.com/ergo42htm)I looked at the CMH532 related files.. and conclude the search must be modified to find a 525 already *equipped*

James Turner
West Yorkshire
England

Yahoo! Groups Links

1175. Re: [nrd-525-535] If only I could find a CMH532

Yahoo group: nrd-525-535
Date: 2005-12-02 19:16:27 UTC
From: Brian Denley
Topic: 1173 Message: 1175

jimbo352000 wrote:
> Recently joined the group, as I`m intending to buy (from the UK or
> another member-country of the European Union)either a 525 or
> (preferably) a 535 early in the new year (temporary *cash-flow*
> problem).
>
> Because I`d like to link the receiver to my PC for the Ergo4 program (
> http://swldx.com/ergo42htm)I looked at the CMH532 related files.. and
> conclude the search must be modified to find a 525 already *equipped*
>
>
> James Turner
> West Yorkshire
> England
>
>
Whta does the CMH-532 provide for the NRD-535?

Brian Denley
http://home.comcast.net/~b.denley/index.html

1176. Re: [nrd-525-535] If only I could find a CMH532

Yahoo group: nrd-525-535
Date: 2005-12-02 19:34:57 UTC
From: gandalfg8@aol.com
Topic: 1173 Message: 1176

In a message dated 02/12/2005 19:18:22 GMT Standard Time,
b.denley@... writes:

Whta does the CMH-532 provide for the NRD-535?

Not a lot....
seeing as how there's nowhere to fit it:-)

1177. Re: [nrd-525-535] If only I could find a CMH532

Yahoo group: nrd-525-535
Date: 2005-12-02 20:24:12 UTC
From: gandalfg8@aol.com
Topic: 1173 Message: 1177

In a message dated 02/12/2005 18:18:27 GMT Standard Time,
james.turner4@... writes:

Because I`d like to link the receiver to my PC for the Ergo4 program (
http://swldx.com/ergo42htm)I looked at the CMH532 related files.. and
conclude the search must be modified to find a 525 already *equipped

Hi James

I don't have a CMH532 and have never used my 525 with a PC so can't comment
on that but can say that I was never very happy trying to use the 535 under
computer control.
The 535 RS232 interface is built in, so easy enough to get up and running,
but there's no proper handshaking and I had problems with it locking up quite
often.
This will no doubt depend on the software used, and it's a long while since
I tried it, but it's probably worth asking others here for their experiences
before spending your money.
Another thing to consider is that earlier versions of firmware did not fully
support all radio functions under computer control.
I can remember having to upgrade the firmware in my 535 shortly after buying
it, I either went from D to E or from E to F, can't remember exactly but
know one version was E:-), because of PC control limitations.
Latest software release, I believe, is H and hex dumps are available online
but upgrading does involve removing the front panel to get at one of the
Eproms so perhaps not for the faint hearted.

I'm sure others will have different views but I decided to give up on PC
control of the 535, partly because it's such a joy to use stand alone anyway and
it seemed a waste not to enjoy that, and never seriously considered it as an
option when I later bought my 525.

I have used quite a few radios under PC control, some HF only and some
broadband, but recently bought an HF Winradio 313i and have to say that's in a
class of its own and really does point the way to the future.
Having used the 313 I would not bother with PC control of conventional
radios other than just out of curiosity.

I hope that doesn't sound "disloyal", and it's not intended to belittle
either the 525 or 535 as I love both these great receivers and wouldn't want to
part with either, but to me the computer control does feel like a bit of an
afterthought and they certainly can't compete with the 313 in that respect.
Stand alone they are both superb receivers and if you're after the best of
both worlds they'll probably offer an ideal compromise, but if PC control is
more important to you then you might want to consider some other options.

regards

Nigel
G8PZR

1178. Re: [nrd-525-535] If only I could find a CMH532

Yahoo group: nrd-525-535
Date: 2005-12-02 22:20:29 UTC
From: William H. Bowen
Topic: 1173 Message: 1178

James,

That is NOT necessarily true. There is a
gentleman in France that sells a more than
adequate replacement for the CHM532 - as
a matter of fact his board is faster and has
more capabilities.

Now otwo caveats - you need to get his
improved CPU BIOS chip to make the
enhanced capabilities of the board work, but
from the postings I've see in here that new
board works well. The second caveat - the
external connector is not the JRC circular
but a regular DB-9, so you need to do some
minor mod to the connector mounting to
make it work.

Check out this web site for details:

http://perso.wanadoo.fr/geip/NRD525En.htm

Regards,
Bill Bowen
Sacramento, CA USA

To: nrd-525-535@yahoogroups.com
From: "jimbo352000" <james.turner4@...>
Date sent: Fri, 02 Dec 2005 17:54:38 -0000
Subject: [nrd-525-535] If only I could find a CMH532
Send reply to: nrd-525-535@yahoogroups.com

>
> Recently joined the group, as I`m intending to buy (from the UK or
> another member-country of the European Union)either a 525 or
> (preferably) a 535 early in the new year (temporary *cash-flow*
> problem).
>
> Because I`d like to link the receiver to my PC for the Ergo4 program (
> http://swldx.com/ergo42htm)I looked at the CMH532 related files.. and
> conclude the search must be modified to find a 525 already *equipped*
>
>
> James Turner
> West Yorkshire
> England
>

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> Yahoo! Groups Links
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> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.362 / Virus Database: 267.13.10/190 - Release Date: 12/1/2005
>

1179. Re: [nrd-525-535] If only I could find a CMH532

Yahoo group: nrd-525-535
Date: 2005-12-02 22:22:43 UTC
From: William H. Bowen
Topic: 1173 Message: 1179

James,

That is NOT necessarily true. There is a
gentleman in France that sells a more than
adequate replacement for the CHM532 - as
a matter of fact his board is faster and has
more capabilities.

Now otwo caveats - you need to get his
improved CPU BIOS chip to make the
enhanced capabilities of the board work, but
from the postings I've see in here that new
board works well. The second caveat - the
external connector is not the JRC circular
but a regular DB-9, so you need to do some
minor mod to the connector mounting to
make it work.

Check out this web site for details:

http://perso.wanadoo.fr/geip/NRD525En.htm

Regards,
Bill Bowen
Sacramento, CA USA

To: nrd-525-535@yahoogroups.com
From: "jimbo352000" <james.turner4@...>
Date sent: Fri, 02 Dec 2005 17:54:38 -0000
Subject: [nrd-525-535] If only I could find a CMH532
Send reply to: nrd-525-535@yahoogroups.com

>
> Recently joined the group, as I`m intending to buy (from the UK or
> another member-country of the European Union)either a 525 or
> (preferably) a 535 early in the new year (temporary *cash-flow*
> problem).
>
> Because I`d like to link the receiver to my PC for the Ergo4 program (
> http://swldx.com/ergo42htm)I looked at the CMH532 related files.. and
> conclude the search must be modified to find a 525 already *equipped*
>
>
> James Turner
> West Yorkshire
> England
>

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> Yahoo! Groups Links
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> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.362 / Virus Database: 267.13.10/190 - Release Date: 12/1/2005
>

1180. Re: If only I could find a CMH532

Yahoo group: nrd-525-535
Date: 2005-12-07 05:24:43 UTC
From: Tom Adams
Topic: 1173 Message: 1180

Hello James.

Do I ever have a deal for YOU! :o)

I happens that I received a CHM-532 today as aprt of a package deal, which I have no need of (I already have one installed in my radio).

If you're still interested in finding one, please write me off of the list. My E-Mail is quixote2@...m .

BTW... I am something of a Racal nut here (mainly Bracknell produced products), and I have needs of parts and subassemblies. Since you're in a Racal rich environment, perhaps we can arrange a deal of some sort!

73's,

Tom, W9LBB

--- In nrd-525-535@yahoogroups.com, "jimbo352000" <james.turner4@n...> wrote:
>
>
> Recently joined the group, as I`m intending to buy (from the UK or
> another member-country of the European Union)either a 525 or
> (preferably) a 535 early in the new year (temporary *cash-flow*
> problem).
>
> Because I`d like to link the receiver to my PC for the Ergo4 program
(
> http://swldx.com/ergo42htm)I looked at the CMH532 related files.. and
> conclude the search must be modified to find a 525 already *equipped*
>
>
> James Turner
> West Yorkshire
> England
>

1181. For Sale or Possible Swap, CMH-532 Serial Board

Yahoo group: nrd-525-535
Date: 2005-12-07 23:37:09 UTC
From: Tom Adams
Topic: 1181 Message: 1181

Excellent condition, if you need one Let's Make A Deal.

Write me off the list at quixote2@...

73's,

Tom, W9LBB

1182. Adieu

Yahoo group: nrd-525-535
Date: 2005-12-09 16:01:13 UTC
From: jimbo352000
Topic: 1182 Message: 1182

leaving group .. or should that be deserting :-)

for i*c*m (an offer not to be missed on an R75)

which is why there`s a CMH-532 still available ...

1183. Kiwa mw Loop antenna

Yahoo group: nrd-525-535
Date: 2005-12-10 15:56:50 UTC
From: suburude
Topic: 1183 Message: 1183

For anyone's interest I have a Kiwa mw Loop antenna. For Sale. Simply the best loop antenna for DXing MW ever built! Just gone through by Craig at Kiwa electronics. Go to there site(Kiwa) they have a complete description and specs on this antenna.
$695+shppng.

suburude@...

1184. NRD525 site: 11 december - new update

Yahoo group: nrd-525-535
Date: 2005-12-11 17:53:52 UTC
From: christophe525
Topic: 1184 Message: 1184

http://perso.wanadoo.fr/geip/NRD525.htm (French)
http://perso.wanadoo.fr/geip/NRD525En.htm (English)

Plan/map: http://perso.wanadoo.fr/geip/Plan.htm
CMH532/CBO232 differences: http://perso.wanadoo.fr/geip/CBO232En.htm
Notices (Test300.zip): http://perso.wanadoo.fr/geip/notices.htm

73,
Christophe.

1185. NRD-525 EPROM version and serial number...

Yahoo group: nrd-525-535
Date: 2005-12-11 19:58:58 UTC
From: christophe525
Topic: 1185 Message: 1185

Please,

To make NRD-525 statistics can you send me QRV@... :

-NRD525 model: NRD525 or NRD525G
-NRD525 serial number : BRxxxx or 6Dxxxx...
-EPROM version : 7DEJD0072, 7DEJD0072A, 7DEJD0072B, 7DEJD0072C...
-CPU card version: 6PCJD00163A, 6PCJD00163B, 6PCJD00163C, 6PCJD00163J...

Many Thanks to the group,
Christophe B.
QRV@...
http://perso.wanadoo.fr/geip/NRD525En.htm

1186. Version d'EPROM et numéro de série NRD-525...

Yahoo group: nrd-525-535
Date: 2005-12-11 20:05:11 UTC
From: christophe525
Topic: 1186 Message: 1186

S'il vous plait,

Afin de réaliser des statistiques sur le NRD-525 pourriez-vous
m'envoyer les éléments suivants à QRV@... :

-Modèle de NRD525: NRD525 ou NRD525G
-Numéro de série NRD525: BRxxxx ou 6Dxxxx...
-Version d'EPROM: 7DEJD0072, 7DEJD0072A, 7DEJD0072B, 7DEJD0072C...
-Version de carte CPU: 6PCJD00163A, 6PCJD00163B, 6PCJD00163C,
6PCJD00163J...

Merci beaucoup à tout le groupe,
Christophe B.
QRV@...
http://perso.wanadoo.fr/geip/NRD525.htm

1187. Kiwa modifications on my 525--quick report

Yahoo group: nrd-525-535
Date: 2005-12-12 02:30:30 UTC
From: patrickcgarner
Topic: 1187 Message: 1187

I just received my 525 back this Saturday from Kiwa. I have always considered the unmodified
525 to be an excellent receiver. On a lark (& after reading many reports within this forum), I
decided to have ALL the available Kiwa modifications done to the 525.

Results? I know that any judgment about work like this is subjective--I do not have a lab to
be able to measure before & after results. To some degree conducting such work would be meaningless regardless--I was hoping for increased listening quality, & numbers alone do not quantify that sort of pleasure.

So... that being said, the receiver is amazingly better. Tone is vastly improved, filters are
sharper, reception is far better, & the overall sound quality is 20-30% improved. I hadn't expected much--perhaps a 10% improvement. Such an unexpected result somewhat blows me away.

Anyone even vaguely considering such work should have it done immediately. Cost is minimal, service excellent. Go for it.

1188. Re: [nrd-525-535] NRD-525 EPROM version and serial number...

Yahoo group: nrd-525-535
Date: 2005-12-12 03:07:27 UTC
From: Brian Denley
Topic: 1185 Message: 1188

christophe525 wrote:
> Please,
>
> To make NRD-525 statistics can you send me QRV@... :
>
> -NRD525 model: NRD525 or NRD525G
> -NRD525 serial number : BRxxxx or 6Dxxxx...
> -EPROM version : 7DEJD0072, 7DEJD0072A, 7DEJD0072B, 7DEJD0072C...
> -CPU card version: 6PCJD00163A, 6PCJD00163B, 6PCJD00163C,
> 6PCJD00163J...
>
> Many Thanks to the group,
> Christophe B.
> QRV@...
> http://perso.wanadoo.fr/geip/NRD525En.htm
>
>
How does one get the EPROM version? Open the unit?

Brian Denley
http://home.comcast.net/~b.denley/index.html

1189. Re: [nrd-525-535] NRD-525 EPROM version and serial number...

Yahoo group: nrd-525-535
Date: 2005-12-12 03:24:20 UTC
From: William H. Bowen
Topic: 1185 Message: 1189

Brian,

Yep, you'll have to remove the top cover
and pull the CPU Board out to read the label
on top of the EPROM and to read the CPU
Card number.

Regards,
Bill Bowen
Sacramento, CA USA

To: <nrd-525-535@yahoogroups.com>
From: "Brian Denley" <b.denley@...>
Date sent: Sun, 11 Dec 2005 22:07:27 -0500
Subject: Re: [nrd-525-535] NRD-525 EPROM version and serial number...
Send reply to: nrd-525-535@yahoogroups.com

> christophe525 wrote:
> > Please,
> >
> > To make NRD-525 statistics can you send me QRV@... :
> >
> > -NRD525 model: NRD525 or NRD525G
> > -NRD525 serial number : BRxxxx or 6Dxxxx...
> > -EPROM version : 7DEJD0072, 7DEJD0072A, 7DEJD0072B, 7DEJD0072C...
> > -CPU card version: 6PCJD00163A, 6PCJD00163B, 6PCJD00163C,
> > 6PCJD00163J...
> >
> > Many Thanks to the group,
> > Christophe B.
> > QRV@...
> > http://perso.wanadoo.fr/geip/NRD525En.htm
> >
> >
> How does one get the EPROM version? Open the unit?
>
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
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> Yahoo! Groups Links
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> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.371 / Virus Database: 267.13.13/197 - Release Date: 12/9/2005
>

1190. Re: [nrd-525-535] NRD-525 EPROM version and serial number...

Yahoo group: nrd-525-535
Date: 2005-12-12 03:39:31 UTC
From: Brian Denley
Topic: 1185 Message: 1190

William H. Bowen wrote:
> Brian,
>
> Yep, you'll have to remove the top cover
> and pull the CPU Board out to read the label
> on top of the EPROM and to read the CPU
> Card number.
>
> Regards,
> Bill Bowen
> Sacramento, CA USA
>
Thanks Bill.

Brian Denley
http://home.comcast.net/~b.denley/index.html

1191. Re: Kiwa modifications on my 525--quick report

Yahoo group: nrd-525-535
Date: 2005-12-12 15:38:34 UTC
From: Jim Hackett
Topic: 1187 Message: 1191

Define "minimal", please...

--- In nrd-525-535@yahoogroups.com, "patrickcgarner"
<patrickgarner@m...> wrote:
>
> I just received my 525 back this Saturday from Kiwa. I have always
considered the unmodified
> 525 to be an excellent receiver. On a lark (& after reading many
reports within this forum), I
> decided to have ALL the available Kiwa modifications done to the
525.
>
> Results? I know that any judgment about work like this is
subjective--I do not have a lab to
> be able to measure before & after results. To some degree
conducting such work would be
> meaningless regardless--I was hoping for increased listening
quality, & numbers alone do
> not quantify that sort of pleasure.
>
> So... that being said, the receiver is amazingly better. Tone is
vastly improved, filters are
> sharper, reception is far better, & the overall sound quality is
20-30% improved. I hadn't
> expected much--perhaps a 10% improvement. Such an unexpected
result somewhat blows
> me away.
>
> Anyone even vaguely considering such work should have it done
immediately. Cost is
> minimal, service excellent. Go for it.
>

1192. Re: NRD-525 EPROM version and serial number...

Yahoo group: nrd-525-535
Date: 2005-12-12 16:45:52 UTC
From: christophe525
Topic: 1185 Message: 1192

You can see here the CPU and EPROM version (red color):

http://perso.wanadoo.fr/geip/Images/NRD525/CPU_des.jpg

Best regards,
Christophe B.
http://perso.wanadoo.fr/geip/NRD525En.htm

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@c...>
wrote:
>
> William H. Bowen wrote:
> > Brian,
> >
> > Yep, you'll have to remove the top cover
> > and pull the CPU Board out to read the label
> > on top of the EPROM and to read the CPU
> > Card number.
> >
> > Regards,
> > Bill Bowen
> > Sacramento, CA USA
> >
> Thanks Bill.
>
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>

1193. Re: Kiwa modifications on my 525--quick report

Yahoo group: nrd-525-535
Date: 2005-12-12 19:39:06 UTC
From: caladonia5560
Topic: 1187 Message: 1193

I haven't had all of the Kiwa mods done on my 525, but did order the "Ultimate Rejection Filter" kit which replaces FL2 with their 8khz filter. This makes the AUX filter position 8 khz wide and is a great improvement over the stock 12 khz. Highly recommended for around $30, and not hard to install yourself if you have a little electronics experience.

--- In nrd-525-535@yahoogroups.com, "patrickcgarner" <patrickgarner@m...> wrote:
>
> I just received my 525 back this Saturday from Kiwa. I have always considered the unmodified
> 525 to be an excellent receiver. On a lark (& after reading many reports within this forum), I
> decided to have ALL the available Kiwa modifications done to the 525.
>
> Results? I know that any judgment about work like this is subjective--I do not have a lab to
> be able to measure before & after results. To some degree conducting such work would be
> meaningless regardless--I was hoping for increased listening quality, & numbers alone do
> not quantify that sort of pleasure.
>
> So... that being said, the receiver is amazingly better. Tone is vastly improved, filters are
> sharper, reception is far better, & the overall sound quality is 20-30% improved. I hadn't
> expected much--perhaps a 10% improvement. Such an unexpected result somewhat blows
> me away.
>
> Anyone even vaguely considering such work should have it done immediately. Cost is
> minimal, service excellent. Go for it.
>

1194. Re: [nrd-525-535] Re: Kiwa modifications on my 525--quick report

Yahoo group: nrd-525-535
Date: 2005-12-12 20:23:30 UTC
From: Patrick Garner
Topic: 1187 Message: 1194

Jim,

You asked me to define "minimal." I had the works done, w/ Kiwa installing all mods. That doubled my costs. Even so, including FedEx charges, costs came to about $300. If you're willing (& able) to doing installation (including extensive soldering) yrself, costs are half that... I should note that Kiwa conducts several mods in-house only, that is, you do not have the option of doing them yrself. So if you're going to take total advantage of their expertise, the receiver has to go in.

You should review their various options (& costs) at the Kiwa web site. As I noted in my first post, I remain astounded & feel very much like I have a new, far improved receiver.

1195. Re: Kiwa modifications on my 525--quick report

Yahoo group: nrd-525-535
Date: 2005-12-12 20:34:22 UTC
From: Jim Hackett
Topic: 1187 Message: 1195

While I am pleased with mine "as-is" that is food for thought. I thought we might have a difference of opinion on what "minimal" was. ;~)

--- In nrd-525-535@yahoogroups.com, Patrick Garner <patrickgarner@m...> wrote:
>
> Jim,
>
> You asked me to define "minimal." I had the works done, w/ Kiwa installing all mods. That doubled my costs. Even so, including FedEx charges, costs came to about $300. If you're willing (& able) to doing installation (including extensive soldering) yrself, costs are half that... I should note that Kiwa conducts several mods in-house only, that is, you do not have the option of doing them yrself. So if you're going to take total advantage of their expertise, the receiver has to go in.
>
> You should review their various options (& costs) at the Kiwa web site. As I noted in my first post, I remain astounded & feel very much like I have a new, far improved receiver.
>

1196. Re: Kiwa modifications on my 525--quick report

Yahoo group: nrd-525-535
Date: 2005-12-13 17:23:10 UTC
From: Bill Cotter
Topic: 1187 Message: 1196

Patrick, Jim,

I, too, had all the KIWA mods (tone, AGC, filter, ECSS, audio) done to my late sn 535D, plus the addition of a 8kHz premium filter in the AUX position. The cost was about $360. The final result was nothing short of spectacular.

Although 'minimal' is subjective, it is FAR less than an upgrade to a 545, or a WJ or some other high-end receiver. And, considering how much I really love this receiver, the cost for upgrades was trival (another subjective word ;^)

73 bill n4alg

At 03:34 PM 12/12/2005, you wrote:
>While I am pleased with mine "as-is" that is food for thought. I
>thought we might have a difference of opinion on what "minimal"
>was. ;~)
>
>
>--- In nrd-525-535@yahoogroups.com, Patrick Garner
><patrickgarner@m...> wrote:
> >
> > Jim,
> >
> > You asked me to define "minimal." I had the works done, w/ Kiwa
>installing all mods. That doubled my costs. Even so, including FedEx
>charges, costs came to about $300. If you're willing (& able) to
>doing
>installation (including extensive soldering) yrself, costs are half
>that... I should note that Kiwa conducts several mods in-house only,
>that is, you do not have the option of doing them yrself. So if
>you're
>going to take total advantage of their expertise, the receiver has to
>go in.
> >
> > You should review their various options (& costs) at the Kiwa web
>site. As I noted in my first post, I remain astounded & feel very
>much
>like I have a new, far improved receiver.
> >
>
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Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

1197. Re: [nrd-525-535] Re: Kiwa modifications on my 525--quick report

Yahoo group: nrd-525-535
Date: 2005-12-13 18:13:45 UTC
From: Patrick Garner
Topic: 1187 Message: 1197

Bill,
I too had the 8 kHz filter installed... Since my earlier post, I've been thinking around how I could have otherwise characterized the differences pre- and post-Kiwa. Sound is sharper, and reception more focused, but overall, the *quality* of the sound is spectacularly better. I don't have a 545, but wonder if the Kiwa modifications turn the slighted aged 525 into a 545 competitor. Regardless, no complaints from me.
Pat

1198. Re: [nrd-525-535] Re: Kiwa modifications on my 525--quick report

Yahoo group: nrd-525-535
Date: 2005-12-13 20:59:23 UTC
From: Chuck
Topic: 1187 Message: 1198

Bill,

Your question as to whether or not the modified 525 is equal
to the 545 is not even close. The 545 is far superior in
sound and technology to the modified 525. Even so, a
modified
525 is a great receiver. I'd say it's closer to a NRD535D
though.

Chuck
----- Original Message -----
From: "Patrick Garner" <patrickgarner@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, December 13, 2005 18:13
Subject: Re: [nrd-525-535] Re: Kiwa modifications on my
525--quick report

> Bill,
> I too had the 8 kHz filter installed... Since my earlier
post, I've been thinking around how I could have otherwise
characterized the differences pre- and post-Kiwa. Sound is
sharper, and reception more focused, but overall, the
quality of the sound is spectacularly better. I don't have
a 545, but wonder if the Kiwa modifications turn the
slighted aged 525 into a 545 competitor. Regardless, no
complaints from me.
> Pat
>
>
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>

1199. Re: Kiwa modifications on my 525--quick report

Yahoo group: nrd-525-535
Date: 2005-12-15 01:24:56 UTC
From: Bill Marvin
Topic: 1187 Message: 1199

Hi Group

Last Summer I brought my NRD535Db to Craig at KIWA, 35 miles East of me in So. MN.

I requested ALL upgrades including a 3.5 KHZ AUX switchable filter and 455KHz Output rear jack.

The 535Db is now Superb in every department.

Example: I like BCB DX'ing (Splits). Very Very difficult here in Minnesota for Europe with a 70ft randomwire antenna. Generally I search for carriers with the product detector. On 784KHz I found a weak stable carrier. Switched to ECCSS and 3.5 Khz filter, picked the cleanest side of carrier.......... I was listening to Spanish music and talk....... Radio Spain. Without any special settings I could not detect this station, only adjacent channel rumble

I tried my Sherwood SE3 Mk2 and even better results with this very weak station. Believe me BC stations on 780 & 790 were brutal also.

In my 40 yrs of DX'ing & multitudes of receivers tried the KIWA 535Db is my ultimate, add a SE3 MK2D for even more pro choices.

Craig is very friendly and creative, now if I could locate a KIWA Loop.

Holiday Greeting to All

Bill

1200. LAST CHANCE! CMH-532 serial board For Sale

Yahoo group: nrd-525-535
Date: 2005-12-16 23:10:19 UTC
From: Tom Adams
Topic: 1200 Message: 1200

Howdy, Troops.

If anyone here is interested in a CMH-532 serial board for thier NRD-525, please speak NOW or forever hold your peace! In a week or so it's going on the E-Place for disposal to the overbidding Unwashed Masses.

What we have here is the card itself (tested in my radio & it works with SCANCAT software), cable to the rear panel connector, and the manual / installation flyer. What it does NOT include is the cable from the rear connector to the computer.

If you're interested, contact me off the list at quixote2@... and we can talk about a price, or POSSIBLE swap (I'm very big on a swap for Racal receiver stuff, especially an RA-1772 or RA-1771 "parts" radio to keep my 3 beasts going in the future).

73's,

Tom, W9LBB

1201. CMH-532 Serial Board is spoken for

Yahoo group: nrd-525-535
Date: 2005-12-19 04:41:09 UTC
From: Tom Adams
Topic: 1200 Message: 1201

Thanks, All!

--- In nrd-525-535@yahoogroups.com, "Tom Adams" <w9lbb@y...> wrote:
>
> Howdy, Troops.
>
> If anyone here is interested in a CMH-532 serial board for thier
NRD-
> 525, please speak NOW or forever hold your peace! In a week or so
> it's going on the E-Place for disposal to the overbidding Unwashed
> Masses.
>
> What we have here is the card itself (tested in my radio & it
works
> with SCANCAT software), cable to the rear panel connector, and the
> manual / installation flyer. What it does NOT include is the cable
> from the rear connector to the computer.
>
> If you're interested, contact me off the list at
> quixote2@i... and we can talk about a price, or POSSIBLE
> swap (I'm very big on a swap for Racal receiver stuff, especially
an
> RA-1772 or RA-1771 "parts" radio to keep my 3 beasts going in the
> future).
>
>
> 73's,
>
> Tom, W9LBB
>

1203. Firmware for JST-135

Yahoo group: nrd-525-535
Date: 2005-12-30 13:44:15 UTC
From: IK0JJZ
Topic: 1203 Message: 1203

Hi to all,
I'm new on the list, my name is Max IK0JJZ and I'm from Rome Italy.
My problem is:
A friend of mine gave me, as a gift, one transceiver JRC JST-135 isn't working and he don't want to spend money to fix it.
The display isn't working and almost all the knobs and switches on the front panel doesn't work.
I can hear from the loudspeaker the signal but I can't control anythings.
I saw the transceiver has the same cpu-board of the NRD-535 (CDC-493) but the firmware on the eprom IC3 (27C256) is 7DEJD0102J.
I'm sure the problem is in the firmware but I don't know where I can find the file I can use to burn the eprom.
Is it possible to buy by JRC only the eprom with the firmware for the JST-135 ?
Has someone on the list this transceiver and could send me a copy of the firmware ? (I think is an impossible things but it never know).
Sorry for my bad english.
Thanks to all and 73 de Max.

1204. WANTED JRC NRD 535 IN GOOD CONDITION

Yahoo group: nrd-525-535
Date: 2006-01-01 18:49:30 UTC
From: wwcmradio
Topic: 1204 Message: 1204

Happy new year to you all!!

Wanted JRC NRD 535 in good working condition(full modules)!!

Payment Via Paypal

My location: Athens Greece

is any available?

1205. Re: [nrd-525-535] WANTED JRC NRD 535 IN GOOD CONDITION

Yahoo group: nrd-525-535
Date: 2006-01-01 19:54:22 UTC
From: Patrick Garner
Topic: 1204 Message: 1205

If you get no replies from this forum, try eBay. There are usually one or two 525s on auction. Going price, depending on modifications, is usually $550 to $750 USD. Good luck!

Pat Garner

1206. Re: [nrd-525-535] WANTED JRC NRD 535 IN GOOD CONDITION

Yahoo group: nrd-525-535
Date: 2006-01-01 20:33:58 UTC
From: Brian Denley
Topic: 1204 Message: 1206

Patrick Garner wrote:
> If you get no replies from this forum, try eBay. There are usually
> one or two 525s on auction. Going price, depending on modifications,
> is usually $550 to $750 USD. Good luck!
>
> Pat Garner
>

I think he wanted a 535

Brian Denley
http://home.comcast.net/~b.denley/index.html

1207. Re: [nrd-525-535] WANTED JRC NRD 535 IN GOOD CONDITION

Yahoo group: nrd-525-535
Date: 2006-01-01 21:42:49 UTC
From: Patrick Garner
Topic: 1204 Message: 1207

GOOD CORRECTION. SAME ADVICE APPLIES, OF COURSE. Simply add a couple hundred USD to the varying prices.

1208. Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2006-01-02 03:07:00 UTC
From: Chris Lobdell
Topic: 1208 Message: 1208

Hi,
I'm a new member to the group, so if this has been answered before,
just point me to the message # ......

The main tuning dial on my 535 is too loose, so if I select a frequency
it might move on its own after setting it. The NRD-545 has a nice
brake system on the dial but this model doesn't. Are there any
internal adjustments that can me made to stiffen the tuning?

Thanks.

-Chris Lobdell

1209. Re: [nrd-525-535] Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2006-01-02 03:37:30 UTC
From: Brian Denley
Topic: 1208 Message: 1209

Chris Lobdell wrote:
> Hi,
> I'm a new member to the group, so if this has been answered before,
> just point me to the message # ......
>
> The main tuning dial on my 535 is too loose, so if I select a
> frequency it might move on its own after setting it. The NRD-545 has
> a nice brake system on the dial but this model doesn't. Are there any
> internal adjustments that can me made to stiffen the tuning?
>
> Thanks.
>
> -Chris Lobdell
>
No but take a look at USER DEFINITION 16. You might want to set it to 250.

Brian Denley
http://home.comcast.net/~b.denley/index.html

1210. Re: [nrd-525-535] Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2006-01-02 05:30:54 UTC
From: John Dokulil
Topic: 1208 Message: 1210

Chris,
This may be your problem...

Though I do not have this problem with my 535Db, I remember reading somewhere (for the life of me I can not remember where), that some of the Frequency Dial Knobs on some of the NRD-525s and NRD-535s were Not balanced. Not sure if it was a manufacturing flaw (out of round) or a problem with the process to balancing the knobs after casting. The problem was fixed in their later production runs. JRC is not the first manufacturer to have said problem, my old icon receiver's tuning knob was so miss-balanced that when the receiver warmed up, the dial suddenly started to rotated until the heavy side rotated all the way down.

To check if your problem is due to this, just let it do its thing and if it stops at the same point on the knob each time, the knob is out of balance and gravity is just pulling it down (heaver at the bottom after it stops rotating). But if your frequencies change without the knob rotating, then you have something entirely different.

Note: My old icon took approximately 20 to 30 minutes to do a full top to bottom rotation after about 1 hour receiver worm-up.

Good Luck

John Dokulil

----- Original Message -----
From: "Brian Denley" <b.denley@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, January 01, 2006 7:37 PM
Subject: Re: [nrd-525-535] Main Tuning Dial Too Loose on NRD-535

> Chris Lobdell wrote:
> > Hi,
> > I'm a new member to the group, so if this has been answered before,
> > just point me to the message # ......
> >
> > The main tuning dial on my 535 is too loose, so if I select a
> > frequency it might move on its own after setting it. The NRD-545 has
> > a nice brake system on the dial but this model doesn't. Are there any
> > internal adjustments that can me made to stiffen the tuning?
> >
> > Thanks.
> >
> > -Chris Lobdell
> >
> No but take a look at USER DEFINITION 16. You might want to set it to 250.

>
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
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>
> Yahoo! Groups Links
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1211. Re: [nrd-525-535] Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2006-01-02 05:42:53 UTC
From: David Ross
Topic: 1208 Message: 1211

Hi Chris

Cut a round piece of felt material to fit the thickness desired. Remove the tuning know, install the round piece of felt and reinstall the tuning knob.

Viola!

David

On 01/1/2006 10:07 PM, "Chris Lobdell" <clobdell@...> wrote:

> Hi,
> I'm a new member to the group, so if this has been answered before,
> just point me to the message # ......
>
> The main tuning dial on my 535 is too loose, so if I select a frequency
> it might move on its own after setting it. The NRD-545 has a nice
> brake system on the dial but this model doesn't. Are there any
> internal adjustments that can me made to stiffen the tuning?
>
> Thanks.
>
> -Chris Lobdell
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> Yahoo! Groups Links
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1212. Re: [nrd-525-535] Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2006-01-02 05:44:07 UTC
From: David Ross
Topic: 1208 Message: 1212

Hi Chris

Cut a round piece of felt material to fit the thickness desired. Remove the tuning knob, install the round piece of felt and reinstall the tuning knob.

Viola!

David

On 01/1/2006 10:07 PM, "Chris Lobdell" <clobdell@...> wrote:

> Hi,
> I'm a new member to the group, so if this has been answered before,
> just point me to the message # ......
>
> The main tuning dial on my 535 is too loose, so if I select a frequency
> it might move on its own after setting it. The NRD-545 has a nice
> brake system on the dial but this model doesn't. Are there any
> internal adjustments that can me made to stiffen the tuning?
>
> Thanks.
>
> -Chris Lobdell
>
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> Yahoo! Groups Links
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1213. Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2006-01-03 20:24:10 UTC
From: Bill Cotter
Topic: 1208 Message: 1213

Chris,

I can't remember if my 535D has the same dial drag mechanism as my Tentec OMNI, but I think it may. You hold the main tuning dial skirt, and rotate the tuning knob clockwise for more tension, counter-clockwise for less. This is not the kind of adjustment you do often, so I am a bit unsure if the JRC had the same method. If not, the felt trick is a good alternative.

73 bill n4alg

At 10:07 PM 1/1/2006, you wrote:
>Hi,
>I'm a new member to the group, so if this has been answered before,
>just point me to the message # ......
>
>The main tuning dial on my 535 is too loose, so if I select a
>frequency
>it might move on its own after setting it. The NRD-545 has a nice
>brake system on the dial but this model doesn't. Are there any
>internal adjustments that can me made to stiffen the tuning?
>
>Thanks.
>
>-Chris Lobdell
>
>
>
>
>
>
>Yahoo! Groups Links
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>
>
>

Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

1214. Wanted JRC NRD 535

Yahoo group: nrd-525-535
Date: 2006-01-05 13:48:43 UTC
From: wwcmradio
Topic: 1214 Message: 1214

Happy New year!

is any JRC NRD 535 available,full of modules?
Paypal payment - UPS shipping

Thanks

Athens,Greece
Yiannis

1215. find more HOT packages from http://www.keralaholidays.info/Packages.php

Yahoo group: nrd-525-535
Date: 2006-01-06 17:48:30 UTC
From: lincypaul75
Topic: 1215 Message: 1215

find more HOT packages from
http://www.keralaholidays.info/Packages.php

1216. NRD525 LOADED -- SOON AVAILABLE

Yahoo group: nrd-525-535
Date: 2006-01-07 05:43:59 UTC
From: Dan Robinson
Topic: 1216 Message: 1216

Folks,

I am preparing to put on Ebay my original
one owner 525, purchased new from Universal
back in 1986, Serial No about 38000 -- with
VHF/UHF Converter, modified filter replacing
the 12 position, and KIWA audio modification.

Selling separately in auction will be a rare
complete upper circuit board, including
replacement LED's for the 525, this obtained
from JRC. Also selling separately is an original
JRC service manual for the 525.

The 525 is 9.5+ -- and has been babied for
its entire life. Comes with original box,
and user manual for the radio, and the
accessories box that came with the 525.

If anyone has an interest in this, email
me at darobin@... and I can provide any
additional information you may desire.

1217. FA: Fantastic NRD-525 Package w/VHF-UHF, Kiwa Upgrade, Filter Upgrade

Yahoo group: nrd-525-535
Date: 2006-01-08 22:41:40 UTC
From: Dan Robinson
Topic: 1217 Message: 1217

Thanks for looking:

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&rd=1&item=5852039668&ssPageName=STRK:MESE:IT

1218. FA: NRD-525 Front Panel/LED Replacement Board

Yahoo group: nrd-525-535
Date: 2006-01-08 22:46:51 UTC
From: Dan Robinson
Topic: 1218 Message: 1218

Thanks for looking:

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&rd=1&item=5852066135&ssPageName=STRK:MESE:IT

1219. JRC NRD 535 For Sale

Yahoo group: nrd-525-535
Date: 2006-01-15 22:47:00 UTC
From: DAVID
Topic: 1219 Message: 1219

JRC NRD 535 For sale £500, immaculate condition,with manual and mains lead. No original box.Cash Sale in UK only. Contact by e-mail or phone 07821631214
David

1220. Sony TCM 5000EV Recorder For Sale

Yahoo group: nrd-525-535
Date: 2006-01-21 16:44:20 UTC
From: suburude
Topic: 1220 Message: 1220

Sony TCM 5000EV Recorder For Sale in good condition. Specs below!
This is a pro recorder working very well with manual and carrying strap. New these are over $500.
$100 + shp. E mail me if interested. suburude@comcast.net

Specifications ☐ Voice Operated Recording for Unparalleled Ease of Use 1. Begins recording as soon as talking beings2. Bucket Brigade Device (BBD) stores first sounds until motor starts tape-- so nothing is lost3. Rotary dial sensitivity control for voice over recording

☐ Built-in speaker: Large, 3 5/7" diameter for clear sound

☐ Easy to Use Controls 1. One touch recording eliminates juggling play and record buttons2. Speed control (+40%,-20%) for exact pitch matching and slow or rapid review3. Instant edit for on-the-spot corrections and gap free results in playback4. One touch review5. Cue and review for sound during fast forward or rewind6. Automatic Shut-Off at tape end from play and record modes7. Locking pause control8. Continuous tone control

☐ Convenient Meters, Jacks, Indicators and Counters 1. Professional level VU meter to set recording levels2. Battery level switchable indication on VU meter3. Pre-End Alarm (PEA) LED and audible signal through headphones4. Three digit tape counter5. Microphone jack6. Earphone jack7. LED battery indicator

☐ Three Heads and Other Advanced Technology for Great Recordings 1. Three head recording/monitor system with separate erase, record and play heads permits specialization of function and direct off-the-tape monitoring for superb results2. Built-in electret condenser microphone for small size and extended frequency of response3. Counter inertial flywheel for uniform even speed

☐ Tape system: 2 Track, 1 Channel Monaural Cassette

☐ Frequency response: 90 - 90,000Hz

☐ Microphone: Built-In Electret Condenser

☐ Inputs: Microphone: Mini Jack x 2Line Mini Jack; external

☐ Outputs: Earphone

☐ Speaker: 3 5/8" dynamic

☐ POWER REQUIREMENTS"C" x 4 Batteries (6V) (supplied)AC 120V, 60Hz with AC Adaptor (optional)DC 12V with Battery Cord (optional)
Rechargeable Battery Pack (optional)

☐ Battery life1: 20 hrs Recording with Alkaline Batteries

☐ COLORBlack

1221. HELP!!! My 525 is acting strange...

Yahoo group: nrd-525-535
Date: 2006-01-24 04:42:25 UTC
From: Jim Hackett
Topic: 1221 Message: 1221

It suddenly developed this problem:

When I turn the knob upwards in frequency everything is peachy till I reach 7.287 Mhz. As soon as I get there, the SQL light lights up and the audio goes away. Around 8.150 the audio starts coming back on gradually getting louder the higher I tune. Once I reach about 8.300 the SQL light goes out and it seems normal from there on up.

What kind of demonic power has overtaken my baby?

Anyone seen anything like this?

1222. Re: [nrd-525-535] HELP!!! My 525 is acting strange...

Yahoo group: nrd-525-535
Date: 2006-01-24 12:31:29 UTC
From: Patrick Garner
Topic: 1221 Message: 1222

Is the SQL knob completely off when this occurs, or turned up slightly?

1223. Re: HELP!!! My 525 is acting strange...

Yahoo group: nrd-525-535
Date: 2006-01-24 14:37:23 UTC
From: Jim Hackett
Topic: 1221 Message: 1223

Yes.(off) It also makes no difference what mode or bandwidth
setting is selected. No controls have any effect other than the AGC.
If I turn the AGC offthe sql light goes out but and I get audio but
the radio is still deaf in this 1 Mhz area...

--- In nrd-525-535@yahoogroups.com, Patrick Garner
<patrickgarner@m...> wrote:
>
> Is the SQL knob completely off when this occurs, or turned up
slightly?
>

1224. Re: [nrd-525-535] Re: HELP!!! My 525 is acting strange...

Yahoo group: nrd-525-535
Date: 2006-01-24 15:01:22 UTC
From: Patrick Garner
Topic: 1221 Message: 1224

I've never seen what you're describing. Sorry. Try the old computer/modem trick and unplug the radio for a few minutes. Probably not a 01% chance it'll help, but if you haven't tried that, do so. Otherwise, if no one chimes in with a dead-on answer, try calling Craig at Kiwa Electronics.

1225. Re: HELP!!! My 525 is acting strange...

Yahoo group: nrd-525-535
Date: 2006-01-24 20:29:09 UTC
From: Jim Hackett
Topic: 1221 Message: 1225

So I come home for lunch today and fire it up expecting the same. Lo
and behold, it is fine now! D'oh!

--- In nrd-525-535@yahoogroups.com, Patrick Garner
<patrickgarner@m...> wrote:
>
> I've never seen what you're describing. Sorry. Try the old
computer/modem trick and unplug the radio for a few minutes. Probably
not a 01% chance it'll help, but if you haven't tried that, do so.
Otherwise, if no one chimes in with a dead-on answer, try calling
Craig at Kiwa Electronics.
>

1226. Re: [nrd-525-535] Re: HELP!!! My 525 is acting strange...

Yahoo group: nrd-525-535
Date: 2006-01-24 21:38:58 UTC
From: Patrick Garner
Topic: 1221 Message: 1226

Hmm.. so basically good news. Right?!

1227. Re: [nrd-525-535] HELP!!! My 525 is acting strange...

Yahoo group: nrd-525-535
Date: 2006-01-25 03:01:51 UTC
From: John Dokulil
Topic: 1221 Message: 1227

When you move up or down the frequencies, there is a bank of front end tuning coils (the number is unknown to me) that are electronically switched in and out according to the frequency you are tuned to. I have heard stories, (but nothing confirmed, nor witnessed by myself personally) that occasionally on 525 and 535 receivers, a matching frequency coil will NOT be switch when tuning to a new band of frequencies. This supposedly dampens the RF sign enough to basically blank out a tuning band. By removing the pram battery and unplugging the receiver for 10 minuets or so supposedly resets the band switching software.

This could be your problem, but then again, this could be nothing more than a story told around the DX camp fire.

Good Luck

John Dokulil

WDX6GMX

----- Original Message -----
From: "Jim Hackett" <jim_hack@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, January 23, 2006 8:42 PM
Subject: [nrd-525-535] HELP!!! My 525 is acting strange...

> It suddenly developed this problem:
>
> When I turn the knob upwards in frequency everything is peachy till I
> reach 7.287 Mhz. As soon as I get there, the SQL light lights up and
> the audio goes away. Around 8.150 the audio starts coming back on
> gradually getting louder the higher I tune. Once I reach about 8.300
> the SQL light goes out and it seems normal from there on up.
>
> What kind of demonic power has overtaken my baby?
>
> Anyone seen anything like this?
>

1228. Re: HELP!!! My 525 is acting strange...

Yahoo group: nrd-525-535
Date: 2006-01-25 04:04:32 UTC
From: Jim Hackett
Topic: 1221 Message: 1228

Well...
SOMETHING is wrong and it will probably rear it's ugly head again BUT
for now... :)

--- In nrd-525-535@yahoogroups.com, Patrick Garner
<patrickgarner@m...> wrote:
>
> Hmm.. so basically good news. Right?!
>

1229. Re: HELP!!! My 525 is acting strange...

Yahoo group: nrd-525-535
Date: 2006-01-25 04:05:19 UTC
From: Jim Hackett
Topic: 1221 Message: 1229

If all the "magic smoke" stays inside, I'll be happy...

--- In nrd-525-535@yahoogroups.com, Patrick Garner
<patrickgarner@m...> wrote:
>
> Hmm.. so basically good news. Right?!
>

1230. Re: HELP!!! My 525 is acting strange...

Yahoo group: nrd-525-535
Date: 2006-01-25 04:09:51 UTC
From: Jim Hackett
Topic: 1221 Message: 1230

It sounds logical BUT (he he) the area that was deaf was half-way through one coil, into the next one. I could understand it IF it was from the begining of one to the begining of the next but that's not how it was. Apparently the gremlins went home to roost as it is functioning normally again. I definately appreciate your thoughts and comments though...

--- In nrd-525-535@yahoogroups.com, "John Dokulil" <jdokulil@u...> wrote:
>
> When you move up or down the frequencies, there is a bank of front end tuning coils
> (the number is unknown to me) that are electronically switched in and out according to
> the frequency you are tuned to. I have heard stories, (but nothing confirmed, nor
> witnessed by myself personally) that occasionally on 525 and 535 receivers, a matching
> frequency coil will NOT be switch when tuning to a new band of frequencies. This
> supposedly dampens the RF sign enough to basically blank out a tuning band. By
> removing the pram battery and unplugging the receiver for 10 minuets or so supposedly
> resets the band switching software.
>
> This could be your problem, but then again, this could be nothing more than a story
> told around the DX camp fire.
>
>
>
> Good Luck
>
>
>
> John Dokulil
>
> WDX6GMX
>
> ----------
> ----- Original Message -----
> From: "Jim Hackett" <jim_hack@y...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Monday, January 23, 2006 8:42 PM

> Subject: [nrd-525-535] HELP!!! My 525 is acting strange...
>
>
> > It suddenly developed this problem:
> >
> > When I turn the knob upwards in frequency everything is peachy
till I
> > reach 7.287 Mhz. As soon as I get there, the SQL light lights
up and
> > the audio goes away. Around 8.150 the audio starts coming back
on
> > gradually getting louder the higher I tune. Once I reach about
8.300
> > the SQL light goes out and it seems normal from there on up.
> >
> > What kind of demonic power has overtaken my baby?
> >
> > Anyone seen anything like this?
> >
>

1231. Re: HELP!!! My 525 is acting strange...

Yahoo group: nrd-525-535
Date: 2006-01-25 06:08:29 UTC
From: DAVID
Topic: 1221 Message: 1231

It's probably heat related; like my cars radio, the right side audio
is dead when it's cold.
Dave
--- In nrd-525-535@yahoogroups.com, "Jim Hackett" <jim_hack@y...>
wrote:
>
> It sounds logical BUT (he he) the area that was deaf was half-way
> through one coil, into the next one. I could understand it IF it
> was from the begining of one to the begining of the next but that's
> not how it was. Apparently the gremlins went home to roost as it
is
> functioning normally again. I definately appreciate your thoughts
> and comments though...
>
>
> --- In nrd-525-535@yahoogroups.com, "John Dokulil" <jdokulil@u...>
> wrote:
> >
> > When you move up or down the frequencies, there is a bank of
> front end tuning coils
> > (the number is unknown to me) that are electronically switched in
> and out according to
> > the frequency you are tuned to. I have heard stories, (but
> nothing confirmed, nor
> > witnessed by myself personally) that occasionally on 525 and 535
> receivers, a matching
> > frequency coil will NOT be switch when tuning to a new band of
> frequencies. This
> > supposedly dampens the RF sign enough to basically blank out a
> tuning band. By
> > removing the pram battery and unplugging the receiver for 10
> minuets or so supposedly
> > resets the band switching software.
> >
> > This could be your problem, but then again, this could be nothing
> more than a story
> > told around the DX camp fire.
> >
> >
> >
> > Good Luck
> >
> >
> >
> > John Dokulil

> >
> > WDX6GMX
> >
> > ----------
> > ----- Original Message -----
> > From: "Jim Hackett" <jim_hack@y...>
> > To: <nrd-525-535@yahoogroups.com>
> > Sent: Monday, January 23, 2006 8:42 PM
> > Subject: [nrd-525-535] HELP!!! My 525 is acting strange...
> >
> >
> > > It suddenly developed this problem:
> > >
> > > When I turn the knob upwards in frequency everything is peachy
> till I
> > > reach 7.287 Mhz. As soon as I get there, the SQL light lights
> up and
> > > the audio goes away. Around 8.150 the audio starts coming back
> on
> > > gradually getting louder the higher I tune. Once I reach about
> 8.300
> > > the SQL light goes out and it seems normal from there on up.
> > >
> > > What kind of demonic power has overtaken my baby?
> > >
> > > Anyone seen anything like this?
> > >
> >
>

1232. NVA-88 modifications

Yahoo group: nrd-525-535
Date: 2006-01-29 15:07:08 UTC
From: christophe525
Topic: 1232 Message: 1232

New, NVA-88 modifications and filters:

http://perso.wanadoo.fr/geip/NVA88.htm (French)
http://perso.wanadoo.fr/geip/NVA88En.htm (English)

Plan/map: http://perso.wanadoo.fr/geip/Plan.htm

73,
Christophe.

http://perso.wanadoo.fr/geip/NRD525.htm (French)
http://perso.wanadoo.fr/geip/NRD525En.htm (English)

1233. FS: JRC NRD 525

Yahoo group: nrd-525-535
Date: 2006-01-31 17:56:13 UTC
From: kg4big
Topic: 1233 Message: 1233

Hello,

I am offering my JRC NRD-525 for sale. The serial # is 38211. It is in good condition.
not mint but good. It works very well. No known problems.

Has the following options installed.

RTTY Demodulator board
RS-232C board. NO CABLE.
VHF/UHF Converter board.
Narrow 1khz JRC filter.

It has 1 modification. The Sherwood SYNC Det mod. The dc out rca jack in the back
is now a 455khz output.

Comes with ac pwer cord & copy of the operators manual.

I will double box & ship UPS Ground. $520.00.

73 , Ken

Kenneth Wilson
151 Copperfield Lane
Georgetown , KY. 40324

1234. Re: FS: JRC NRD 525 SOLD

Yahoo group: nrd-525-535
Date: 2006-01-31 19:39:38 UTC
From: kg4big
Topic: 1233 Message: 1234

SOLD

1235. Re: [nrd-525-535] FS: JRC NRD 525 SOLD

Yahoo group: nrd-525-535
Date: 2006-02-02 14:49:41 UTC
From: Kenneth Wilson
Topic: 1233 Message: 1235

SOLD

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

1236. NRD 535 IF Amplifier Board

Yahoo group: nrd-525-535
Date: 2006-02-11 10:48:36 UTC
From: Nigel Clarke
Topic: 1236 Message: 1236

Hi All

I've just bought a JRC IF amp board as a possible spare for my 535.
This board is identified as a CAE-227 whereas the schematics for the
535 show the board used there as a CA-227A.
IC date codes on this board indicate it was manufactured around the
middle of 1997 while my 535 is about 4 years earlier than that.
There's no doubt the boards are very similar but my set is in storage
right now so I can't check what's actually fitted.
The relatively late date on this board makes me wonder if the two
versions were produced in parallel rather than the A just being a later
update.
Does anyone know if the non A version was ever fitted to the 535 and/or
what the differences are between the two versions?

regards

Nigel
G8PZR

1237. JRC NRD 535 For Sale

Yahoo group: nrd-525-535
Date: 2006-02-12 12:55:28 UTC
From: DAVID
Topic: 1219 Message: 1237

For Sale, In the UK only: JRC NRD 535 reciever. Immaculate condition. Perfect working order. Complete with manual, mains lead, RS232 lead for computer control. And external speaker. £450.Can deliver within 50 mile radius for a small charge. Contact David Sayles On (DONCASTER) 01302 390604 or drs_1948@...

1238. JRC : Japan Radio Co., Ltd.

Yahoo group: nrd-525-535
Date: 2006-02-13 08:34:02 UTC
From: Jack
Topic: 1238 Message: 1238

Hello JRC enthusiast: I am looking for the JRC U.S. offices/or their authorized Service shops. Any help will be much appreciated! Thanks.
J.T.

1239. Lithium cells

Yahoo group: nrd-525-535
Date: 2006-02-15 11:42:51 UTC
From: Reinhold Schuttkowski
Topic: 1173 Message: 1239

Hello everyone!

I need to replace my 535´s lithium cell. The manual says it needs the type CR2032-1HS. This is a 20mm cell (3 V). Is it a special one (because of the ending -1HS) that I MUST use or is any CR2032 model (without the ending -1HS) also okay?

Thank you all for answering!

73, Reinhold

1240. Re: [nrd-525-535] Lithium cells

Yahoo group: nrd-525-535
Date: 2006-02-15 17:28:14 UTC
From: leh_ax_79111@t-online.de
Topic: 1173 Message: 1240

Hello Reinhold,

to my knowledge the -1HS type has pins attached for soldering the cell into the board. The "normal" CR2032 comes without solder pins. But there are holders available for these cells. Maybe such a holder will fit - or can be made fit.

73 - Axel

1241. Re: [nrd-525-535] Lithium cells

Yahoo group: nrd-525-535
Date: 2006-02-15 21:12:27 UTC
From: John Dokulil
Topic: 1173 Message: 1241

Reinhold:

The "1HS" desrgnation of the CR2032 cell means that 2 circuit board mounting pins are soldered onto the Cell.

NRD-535D Battery Cell information

Model No CR2032-1HS
Pin Configuration 1HS - 2 Pins soldered to cell
Category Batteries Primary (Non-Rechargeable)
Application Memory Back Up (MBU)
Product Sub Group Coin Lithium PCB Mount
Chemistry Lithium Manganese Dioxide
Voltage 3V
Nominal Capacity 220mAh
Orig Manufacturer Panasonic
Size Coin
Diameter/Width 20mm
Height 3.2mm
Weight 3.1g
Inner Quantity 20

Replacing the Lithium CR2032-1HS cell every couple of years has now become tiresome at best (I am averaging about 5 years per cell). Not to mention the effort involved trying to find someone who sells such a creature that has NOT been sitting on a shelf for the past 3 to 5 years loosing it's charge before being sold to me. And the cost compared to other comparable cell/Battery is extravagant.

The Cure:
I replaced the soldered in CR2032-1HS cell with an exchangeable Lithium CR123A Battery. All I did was to replace the soldered in CR2032-1HS cell with a CR123A battery holder. Now when it needs replacing, all I do is pop the old cell out, and pop a new one in.
Note: Some manufacturer of CR123A Battery holders are larger than others, make sure the size you get will fit the space provided for the cell on the circuit board.

Advantages in changing over to a Lithium CR123A Battery:
1 - The Battery is now easily changed (no soldering).
2 - The Battery is found in almost every Camera, Hardware and Drug store.
3 - The Battery last 3 times longer than the CR2032-1HS cell.
4 - The Battery is about 60% cheaper than the CR2032-1HS cell.

John Dokulil
WDX6GMX

----- Original Message -----
From: "Reinhold Schuttkowski" <reinholdschuttkowski@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, February 15, 2006 3:42 AM
Subject: [nrd-525-535] Lithium cells

Hello everyone!

I need to replace my 535?s lithium cell. The manual says it needs the type CR2032-1HS. This is a 20mm cell (3 V). Is it a special one (because of the ending -1HS) that I MUST use or is any CR2032 model (without the ending -1HS) also okay?

Thank you all for answering!

73, Reinhold

1242. AW: [nrd-525-535] Lithium cells

Yahoo group: nrd-525-535
Date: 2006-02-15 21:19:43 UTC
From: Reinhold Schuttkowski
Topic: 1173 Message: 1242

Thank you very much, John and Axel!

I will try the solution with the CR123A plus holder and let you know what happened.

Thanks again!

73, Reinhold

1243. Re: [nrd-525-535] Lithium cells

Yahoo group: nrd-525-535
Date: 2006-02-15 23:35:16 UTC
From: William H. Bowen
Topic: 1173 Message: 1243

Reinhold,

My personal recommendation: do what I did with my 525 - unsolder the old battery, put in a socket that will accept a standard 2032 cell, and the next time you need to replace the battery, just slip out the old one and slip in the new one. The 2032 battery is very common over here, especially as the CMOS backup battery in IBM-compatible PCs (all 3 of my PCs, including my laptop, have a 2032 cell in them). This means they don't sit on the store shelf forever losing their energy before you buy them

Now since you are in Germany I don't know what the situation is about getting electronic parts, but here I went to Radio Shack and got the pieces I needed. I would assume that, at least in the larger cities, equivilent stores exist.

John's idea would work as well, though I don't know how common CR-123 batteries are in cameras in Europe (over here nearly all the Japanese-made 35MM cameras used this battery to power the electronics and shutter release).

Anyway, getting rid of the soldered-in battery is the way to go.

Regards,
Bill Bowen
Sacramento, CA USA

To: <nrd-525-535@yahoogroups.com>
From: "John Dokulil" <jdokulil@usamedia.tv>
Date sent: Wed, 15 Feb 2006 13:12:27 -0800
Subject: Re: [nrd-525-535] Lithium cells
Send reply to: nrd-525-535@yahoogroups.com

> Reinhold:
>
> The "1HS" desrgnation of the CR2032 cell means that 2 circuit board mounting
> pins are soldered onto the Cell.
>
> NRD-535D Battery Cell information
> ----------
> Model No CR2032-1HS
> Pin Configuration 1HS - 2 Pins soldered to cell
> Category Batteries Primary (Non-Rechargeable)
> Application Memory Back Up (MBU)
> Product Sub Group Coin Lithium PCB Mount
> Chemistry Lithium Manganese Dioxide
> Voltage 3V
> Nominal Capacity 220mAh

> Orig Manufacturer Panasonic
> Size Coin
> Diameter/Width 20mm
> Height 3.2mm
> Weight 3.1g
> Inner Quantity 20
> ----------
>
> Replacing the Lithium CR2032-1HS cell every couple of years has now become
> tiresome at best (I am averaging about 5 years per cell). Not to mention the
> effort involved trying to find someone who sells such a creature that has NOT
> been sitting on a shelf for the past 3 to 5 years loosing it's charge before
> being sold to me. And the cost compared to other comparable cell/Battery is
> extravagant.
>
> The Cure:
> I replaced the soldered in CR2032-1HS cell with an exchangeable Lithium CR123A
> Battery. All I did was to replace the soldered in CR2032-1HS cell with a
> CR123A battery holder. Now when it needs replacing, all I do is pop the old
> cell out, and pop a new one in. Note: Some manufacturer of CR123A Battery
> holders are larger than others, make sure the size you get will fit the space
> provided for the cell on the circuit board.
>
> Advantages in changing over to a Lithium CR123A Battery:
> 1 - The Battery is now easily changed (no soldering).
> 2 - The Battery is found in almost every Camera, Hardware and Drug store. 3 -
> The Battery last 3 times longer than the CR2032-1HS cell. 4 - The Battery is
> about 60% cheaper than the CR2032-1HS cell.
>
>
> John Dokulil
> WDX6GMX
>
> ----------
> ----- Original Message -----
> From: "Reinhold Schuttkowski" <reinholdschuttkowski@gmx.de>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Wednesday, February 15, 2006 3:42 AM
> Subject: [nrd-525-535] Lithium cells
>
>
> Hello everyone!
>
> I need to replace my 535´s lithium cell. The manual says it needs the type
> CR2032-1HS. This is a 20mm cell (3 V). Is it a special one (because of the
> ending -1HS) that I MUST use or is any CR2032 model (without the ending -1HS)
> also okay?
>
> Thank you all for answering!
>

> 73, Reinhold
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> Yahoo! Groups Links
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> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.375 / Virus Database: 267.15.9/261 - Release Date: 2/15/2006
>

1244. Re: [nrd-525-535] Lithium cells

Yahoo group: nrd-525-535
Date: 2006-02-16 08:40:11 UTC
From: John Dokulil
Topic: 1173 Message: 1244

Bill:

I'm glad you mentioned the 2030, I had forgotten that my original attention was to replace my 535's cell with a Lithium CR2032, But at the time it was raining like hell here in Grass Valley and since I already had the Lithium CR123A battery holder and battery, I didn't have to go out into the rain to get the 2030 and it's holder. Over all the CR2030 will probably be a much better fit, because the CR123A holder is a vary tight fit.

John Dokulil
WDX6GMX
Grass Valley, CA

----- Original Message -----
From: "William H. Bowen" <wh_bowen@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, February 15, 2006 3:35 PM
Subject: Re: [nrd-525-535] Lithium cells

Reinhold,

My personal recommendation: do what I did with my 525 - unsolder the old battery, put in a socket that will accept a standard 2032 cell, and the next time you need to replace the battery, just slip out the old one and slip in the new one. The 2032 battery is very common over here, especially as the CMOS backup battery in IBM-compatible PCs (all 3 of my PCs, including my laptop, have a 2032 cell in them). This means they don't sit on the store shelf forever losing their energy before you buy them

Now since you are in Germany I don't know what the situation is about getting electronic parts, but here I went to Radio Shack and got the pieces I needed. I would assume that, at least in the larger cities, equivilent stores exist.

John's idea would work as well, though I don't know how common CR-123 batteries are in cameras in Europe (over here nearly all the Japanese-made 35MM cameras used this battery to power the electronics and shutter release).

Anyway, getting rid of the soldered-in battery is the way to go.

Regards,
Bill Bowen
Sacramento, CA USA

To: <nrd-525-535@yahoogroups.com>
From: "John Dokulil" <jdokulil@...>
Date sent: Wed, 15 Feb 2006 13:12:27 -0800
Subject: Re: [nrd-525-535] Lithium cells
Send reply to: nrd-525-535@yahoogroups.com

> Reinhold:
>
> The "1HS" desrgnation of the CR2032 cell means that 2 circuit board mounting
> pins are soldered onto the Cell.
>
> NRD-535D Battery Cell information
> ---
> Model No CR2032-1HS
> Pin Configuration 1HS - 2 Pins soldered to cell
> Category Batteries Primary (Non-Rechargeable)
> Application Memory Back Up (MBU)
> Product Sub Group Coin Lithium PCB Mount
> Chemistry Lithium Manganese Dioxide
> Voltage 3V
> Nominal Capacity 220mAh
> Orig Manufacturer Panasonic
> Size Coin
> Diameter/Width 20mm
> Height 3.2mm
> Weight 3.1g
> Inner Quantity 20
> ---
>
> Replacing the Lithium CR2032-1HS cell every couple of years has now become
> tiresome at best (I am averaging about 5 years per cell). Not to mention the
> effort involved trying to find someone who sells such a creature that has NOT
> been sitting on a shelf for the past 3 to 5 years loosing it's charge before
> being sold to me. And the cost compared to other comparable cell/Battery is
> extravagant.
>
> The Cure:
> I replaced the soldered in CR2032-1HS cell with an exchangeable Lithium CR123A
> Battery. All I did was to replace the soldered in CR2032-1HS cell with a
> CR123A battery holder. Now when it needs replacing, all I do is pop the old
> cell out, and pop a new one in. Note: Some manufacturer of CR123A Battery
> holders are larger than others, make sure the size you get will fit the space
> provided for the cell on the circuit board.
>
> Advantages in changing over to a Lithium CR123A Battery:
> 1 - The Battery is now easily changed (no soldering).
> 2 - The Battery is found in almost every Camera, Hardware and Drug store. 3 -
> The Battery last 3 times longer than the CR2032-1HS cell. 4 - The Battery is
> about 60% cheaper than the CR2032-1HS cell.
>
>

> John Dokulil
> WDX6GMX
>
> ---
> ----- Original Message -----
> From: "Reinhold Schuttkowski" <reinholdschuttkowski@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Wednesday, February 15, 2006 3:42 AM
> Subject: [nrd-525-535] Lithium cells
>
>
> Hello everyone!
>
> I need to replace my 535?s lithium cell. The manual says it needs the type
> CR2032-1HS. This is a 20mm cell (3 V). Is it a special one (because of the
> ending -1HS) that I MUST use or is any CR2032 model (without the ending -1HS)
> also okay?
>
> Thank you all for answering!
>
> 73, Reinhold
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> Yahoo! Groups Links
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> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.375 / Virus Database: 267.15.9/261 - Release Date: 2/15/2006
>

Yahoo! Groups Links

1245. Different versions of the NRD 525

Yahoo group: nrd-525-535
Date: 2006-02-18 11:46:45 UTC
From: Harry Moss
Topic: 1245 Message: 1245

Hi, could someone let me know what changes/improvements were made to different versions of this receiver, the last one that JRC made being the 'G' version.

Many thanks.

Harry.

1246. Re: [nrd-525-535] Different versions of the NRD 525

Yahoo group: nrd-525-535
Date: 2006-02-18 11:56:08 UTC
From: gandalfg8@aol.com
Topic: 1245 Message: 1246

In a message dated 18/02/2006 11:46:55 GMT Standard Time,
harry1332@... writes:

Hi, could someone let me know what changes/improvements were made to
different versions of this receiver, the last one that JRC made being
the 'G' version.

Hi Harry

Others may know better but I'm not sure the suffix letter necessarily
implies any differences other than where it was sold.
My 535, for example, is a G model but I think that just meant it was sold in
the UK, or perhaps Europe.
It certainly didn't relate to the software version, or any other changes as
far as I can tell...
othen than it came with a UK mains lead:-)
The only exception I'm aware of was the 535D, which was the de-luxe version
with all the extras fitted but I don't remember there being an equivalent of
that for the 525.

regards

Nigel
G8PZR

1247. FOR SALE: JRC NRD-525

Yahoo group: nrd-525-535
Date: 2006-02-19 04:37:17 UTC
From: jlstrawman
Topic: 1247 Message: 1247

For sale is a nice 525 with late serial # of 51809. Unit has no options or mods and comes with the power cord and a manual COPY. Cosmetics are very good with only a few minor case scratches. Display is bright and all controls function as they should. Pictures available.

Price is $500 + shipping at cost. If interested, contact me at jlstrawman AT yahoo DOT com.

Best regards,

Jerry

1248. JRC authorized repair facilities

Yahoo group: nrd-525-535
Date: 2006-02-20 07:30:03 UTC
From: Jack
Topic: 1248 Message: 1248

Fellow members: Anyone aware of whether JRC has a U.S. office since closing the N.Y. office some years ago and any knowledge of authorized repair/service centers in U.S. Any help much appreciated. J.T.

1249. Display noise?

Yahoo group: nrd-525-535
Date: 2006-02-23 18:09:37 UTC
From: Eike Bierwirth
Topic: 1249 Message: 1249

Hi,
I am new to this list and own an NRD-525 for a few years already. The only annoyance is the noise produced by the display when operating a magnetic loop antenna. It consists of many quite linearly rising carriers which are quite troublesome when I try to catch e.g. NDBs in the 270-500 kHz range, at least in the first hour of listening.

Does anybody know some workaround for this? I know about the "de-luxe" modifications from Puehler. Something else? Even a switch to turn the display entirely off would be ok. The dimmer button changes the spectrum and the speed of all those carriers, but doesn't make them go away. While sitting on a fixed frequency and waiting for NDBs to fade in and out, I can really do without the display - and its noise.

Thanks for any hints,
Eike
Leipzig/Germany

--
DSL-Aktion wegen gro?er Nachfrage bis 28.2.2006 verl?ngert:
GMX DSL-Flatrate 1 Jahr kostenlos* http://www.gmx.net/de/go/dsl

1250. Re: [nrd-525-535] Display noise?

Yahoo group: nrd-525-535
Date: 2006-02-23 18:20:27 UTC
From: Robert W. Betts
Topic: 1249 Message: 1250

Eike:
How far away is the loop from the radio? I have used several different loops with my 535 and 545 and indeed, they are noisy. But when the antennas are several feet away, the noise disappears.
Bob

Eike Bierwirth <capercaillie@...> wrote:
Hi,
I am new to this list and own an NRD-525 for a few years already. The only annoyance is the noise produced by the display when operating a magnetic loop antenna. It consists of many quite linearly rising carriers which are quite troublesome when I try to catch e.g. NDBs in the 270-500 kHz range, at least in the first hour of listening.

Does anybody know some workaround for this? I know about the "de-luxe" modifications from Puehler. Something else? Even a switch to turn the display entirely off would be ok. The dimmer button changes the spectrum and the speed of all those carriers, but doesn't make them go away. While sitting on a fixed frequency and waiting for NDBs to fade in and out, I can really do without the display - and its noise.

Thanks for any hints,
Eike
Leipzig/Germany

--
DSL-Aktion wegen gro?er Nachfrage bis 28.2.2006 verl?ngert:
GMX DSL-Flatrate 1 Jahr kostenlos* http://www.gmx.net/de/go/dsl

Yahoo! Groups Links

1251. Re: [nrd-525-535] Display noise?

Yahoo group: nrd-525-535
Date: 2006-02-23 19:11:55 UTC
From: Eike Bierwirth
Topic: 1249 Message: 1251

Usually, the distance is approx. 2-3 meters (8-10 ft). I might get 2 meters more by rearranging some things including the receiver. More will be difficult in my small room. I will try during the next session. Not today, as tonight I'm gonna catch a holiday airplane :)

Thanks,
Eike

>
> Eike:
> How far away is the loop from the radio? I have used several different
> loops with my 535 and 545 and indeed, they are noisy. But when the
antennas
> are several feet away, the noise disappears.
> Bob
>
> Eike Bierwirth <capercaillie@...> wrote:
> Hi,
> I am new to this list and own an NRD-525 for a few years already. The only
> annoyance is the noise produced by the display when operating a magnetic
> loop antenna. It consists of many quite linearly rising carriers which are
> quite troublesome when I try to catch e.g. NDBs in the 270-500 kHz range,
> at
> least in the first hour of listening.
>
> Does anybody know some workaround for this? I know about the "de-luxe"
> modifications from Puehler. Something else? Even a switch to turn the
> display entirely off would be ok. The dimmer button changes the spectrum
> and
> the speed of all those carriers, but doesn't make them go away. While
> sitting on a fixed frequency and waiting for NDBs to fade in and out, I
> can
> really do without the display - and its noise.
>
> Thanks for any hints,
> Eike
> Leipzig/Germany
>
> --
> DSL-Aktion wegen gro?er Nachfrage bis 28.2.2006 verl?ngert:
> GMX DSL-Flatrate 1 Jahr kostenlos* http://www.gmx.net/de/go/dsl
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> Yahoo! Groups Links

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Eike Bierwirth
04317 Leipzig, DL

*** Find the current overall shortwave schedule
*** on http://www.eibi.de.vu/
capercaillie@... - Eike.Bierwirth@...

51?19'53"N - 12?24'28"E
Rx: JRC-NRD525
Ant: PA0RDT MiniWhip

Lust, ein paar Euro nebenbei zu verdienen? Ohne Kosten, ohne Risiko!
Satte Provisionen f?r GMX Partner: http://www.gmx.net/de/go/partner

1252. Re: [nrd-525-535] Display noise?

Yahoo group: nrd-525-535
Date: 2006-02-24 02:46:09 UTC
From: W. Curt Deegan
Topic: 1249 Message: 1252

An additional suggestion from the manufacturer of my Quantum Loop, is to keep the loop behind the front of the receiver since the display tends to radiate its noise more to the front.

Curt

W. Curt Deegan
Boca Raton, (southeast) FL

At 02:11 PM 2/23/2006, you wrote:
>Usually, the distance is approx. 2-3 meters (8-10 ft). I might get 2 meters
>more by rearranging some things including the receiver. More will be
>difficult in my small room. I will try during the next session. Not today,
>as tonight I'm gonna catch a holiday airplane :)
>
>Thanks,
>Eike
>
>
> >
> > Eike:
> > How far away is the loop from the radio? I have used several different
> > loops with my 535 and 545 and indeed, they are noisy. But when the
>antennas
> > are several feet away, the noise disappears.
> > Bob
> >
> > Eike Bierwirth <capercaillie@...> wrote:
> > Hi,
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> > annoyance is the noise produced by the display when operating a magnetic
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> > quite troublesome when I try to catch e.g. NDBs in the 270-500 kHz range,
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> > least in the first hour of listening.
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> > Does anybody know some workaround for this? I know about the "de-luxe"
> > modifications from Puehler. Something else? Even a switch to turn the
> > display entirely off would be ok. The dimmer button changes the spectrum
> > and
> > the speed of all those carriers, but doesn't make them go away. While
> > sitting on a fixed frequency and waiting for NDBs to fade in and out, I
> > can
> > really do without the display - and its noise.
> >

> > Thanks for any hints,
> > Eike
> > Leipzig/Germany

1253. nrd 525 modifications

Yahoo group: nrd-525-535
Date: 2006-02-25 18:52:22 UTC
From: Harry Moss
Topic: 1253 Message: 1253

I have been reading all about the problems of "hiss" and "poor audio" associated with the nrd 525, I also have read that these problems were overcome in later models of the 525. Can anyone enlighten me as to the "up to" serial numbers affected and the numbers "from" the problems were cured etc? I am hoping to get hold of a 525 in the 41000 serial number range. Can anyone tell me if this number range was dogged with any specific problems that may need to be addressed? Many Thanks.

1254. (no subject)

Yahoo group: nrd-525-535
Date: 2006-03-07 15:26:13 UTC
From: steve
Topic: 1254 Message: 1254

[Body unavailable in the source archive]

1255. 525 ACCESSORIES / Service manual/ Spare boards WANTED

Yahoo group: nrd-525-535
Date: 2006-03-10 05:40:29 UTC
From: rk7066
Topic: 1255 Message: 1255

I am looking for the optional VHF / UHF converter board, CMK-165.

I am also interested in locating spare boards etc....I am wanting to do some tinkering on my 525.

My unit is stock and would also like to find the optional crystal filter, 1.8 and CW filter.

Service manual etc....

The radio really is slick. I really think the audio sounds fine.

I would really like to locate the converter board and as mentioned above, spare boards.

Please email if you have any spare parts etc.... and asking price.

Thanks

Ray WB8VDS

raysdz@... / rk7066@...

1256. NRD 525

Yahoo group: nrd-525-535
Date: 2006-03-11 14:06:55 UTC
From: rk7066
Topic: 36 Message: 1256

I am looking for the optional VHF / UHF converter board, CMK-165.

I am also interested in locating spare boards etc....I am wanting to do some tinkering on my 525.

My unit is stock and would also like to find the optional crystal filter, 1.8 and CW filter.

Service manual etc....

The radio really is slick. I really think the audio sounds fine.

I would really like to locate the converter board and as mentioned above, spare boards.

Please email if you have any spare parts etc.... and asking price.

Thanks

Ray WB8VDS

1257. NRD 515 WANTED / WANTED

Yahoo group: nrd-525-535
Date: 2006-03-12 01:39:14 UTC
From: rk7066
Topic: 1257 Message: 1257

Hello, Well I have been biten by the NRD bug. I have a sweet 525 at present and would like to find a 515.

Thanks for reading this WISH AD.

Ray, WB8VDS

raysdz@...

1258. NRD-525 Assistance Needed

Yahoo group: nrd-525-535
Date: 2006-03-17 12:05:50 UTC
From: Charlie
Topic: 1258 Message: 1258

Hi, I'm a new owner of a NRD-525 and this is my first post to this group. I'm trying to find out how to clear all the memories or reset the processor. Any assistance would be appreciated. The owners manual doesn't seem to cover this.

Also is there a source for the RS232 card?

Thanks in Advance

Charlie
Esses, Maryland USA

1259. Re: [nrd-525-535] NRD-525 Assistance Needed

Yahoo group: nrd-525-535
Date: 2006-03-19 04:51:42 UTC
From: John Dokulil
Topic: 1258 Message: 1259

Charlie

I have an NRD-535Db, so I can only speak for the receiver I have.

To clear an individual memory number, press the CLR (clear) button in stead of the ENT/KHz (Enter) button during the "Memory Store" routine.

Example:
To clear channel 100, Press MEMO, then ENT/KHz, then 100, then CLR

But as far as I know, the only way to clear them all at once is to unplug your receiver and then remove the Memory/Pram battery for several minutes, then replace it. This will clear all your memory slots and reset all Pram settings to their defaults.

Note:
This works for my NRD-535Db, the NRD-525 may be different.

Sorry I cant be of more help.

John Dokulil
WDX6GMX

----- Original Message -----
From: "Charlie" <charlinessex@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, March 17, 2006 4:05 AM
Subject: [nrd-525-535] NRD-525 Assistance Needed

> Hi, I'm a new owner of a NRD-525 and this is my first post to this
> group. I'm trying to find out how to clear all the memories or reset
> the processor. Any assistance would be appreciated. The owners manual
> doesn't seem to cover this.
>
> Also is there a source for the RS232 card?
>
> Thanks in Advance
>
> Charlie
> Esses, Maryland USA
>
>

1260. Re: [nrd-525-535] NRD-525 Assistance Needed

Yahoo group: nrd-525-535
Date: 2006-03-19 10:37:55 UTC
From: Ron Gorman
Topic: 1258 Message: 1260

Hi Charlie,
I agree with John. I've a 525 and never really considered trying to clear all the memory channels at one go, so your question set me to doing a bit of digging around in the old grey matter, and through the schematics, hence the delayed response.

It does seem as if the only way to 'bin' all the memory channels at one go is to disconnect the Lithium CR2032-1HS Memory Battery, which on the 525 is a real pain to do (unless the set has been modded) as the battery is soldered into circuit. (The mod to change to a 'pop in' battery holder using the more easily obtained CR123A battery is in the archives but if you need the full details let me know and I will email them to you)

In normally just enter the new data over the old in the memory channel(s) that I no longer wish to keep.

Regards,
Ron
GI4LLO

1261. Re: NRD-525 Assistance Needed

Yahoo group: nrd-525-535
Date: 2006-03-19 12:38:30 UTC
From: Charlie
Topic: 1258 Message: 1261

Hi and thanks to everyonewho replied.
I'll just replace the memores with my own. Not ready to
open the receiver just for that.

Thanks again,
Charlie
Essex, MD USA

--- In nrd-525-535@yahoogroups.com, "Ron Gorman" <ron.gorman@...>
wrote:
>
> Hi Charlie,
> I agree with John. I've a 525 and never really considered trying
to clear all the memory channels at one go, so your question set me
to doing a bit of digging around in the old grey matter, and through
the schematics, hence the delayed response.
>
> It does seem as if the only way to 'bin' all the memory channels at
one go is to disconnect the Lithium CR2032-1HS Memory Battery, which
on the 525 is a real pain to do (unless the set has been modded) as
the battery is soldered into circuit. (The mod to change to a 'pop
in' battery holder using the more easily obtained CR123A battery is
in the archives but if you need the full details let me know and I
will email them to you)
>
> In normally just enter the new data over the old in the memory
channel(s) that I no longer wish to keep.
>
> Regards,
> Ron
> GI4LLO
>

1262. Re: [nrd-525-535] Re: NRD-525 Assistance Needed

Yahoo group: nrd-525-535
Date: 2006-03-19 20:59:41 UTC
From: ka4prf@peoplepc.com
Topic: 1258 Message: 1262

Charlie and everyone,

Just for your info, the NRD545 allows all of the
memories
to be erased with the push of a button so to speak.
When the price of NRD545 drops someday, you might want
to grab one. Your 525 should need replaced by then?

Chuck

----- Original Message -----
From: "Charlie" <charlinessex@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, March 19, 2006 12:38
Subject: [nrd-525-535] Re: NRD-525 Assistance Needed

>
>
>
> Hi and thanks to everyonewho replied.
> I'll just replace the memores with my own. Not ready
> to
> open the receiver just for that.
>
> Thanks again,
> Charlie
> Essex, MD USA
>
>
> --- In nrd-525-535@yahoogroups.com, "Ron Gorman"
> <ron.gorman@...>
> wrote:
>>
>> Hi Charlie,
>> I agree with John. I've a 525 and never really
>> considered trying
> to clear all the memory channels at one go, so your
> question set me
> to doing a bit of digging around in the old grey
> matter, and through
> the schematics, hence the delayed response.
>>
>> It does seem as if the only way to 'bin' all the
>> memory channels at
> one go is to disconnect the Lithium CR2032-1HS Memory
> Battery, which

> on the 525 is a real pain to do (unless the set has
> been modded) as
> the battery is soldered into circuit. (The mod to
> change to a 'pop
> in' battery holder using the more easily obtained
> CR123A battery is
> in the archives but if you need the full details let
> me know and I
> will email them to you)
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>> In normally just enter the new data over the old in
>> the memory
> channel(s) that I no longer wish to keep.
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>> Regards,
>> Ron
>> GI4LLO
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> Yahoo! Groups Links
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1263. Re: [nrd-525-535] Re: NRD-525 Assistance Needed

Yahoo group: nrd-525-535
Date: 2006-03-19 23:19:57 UTC
From: W. Curt Deegan
Topic: 1258 Message: 1263

There is an easy way to reset all memories and all other user options to factory defaults without opening anything, at least on the 535.

Use the serial interface and send the "Z1" command to reset all memory channels; "Z2" to reset user definitions; and "Z3" does a total reset.

Curt

Boca Raton, (southeast) FL

1264. Re: Something for the NRD-515 Folks Out There...

Yahoo group: nrd-525-535
Date: 2006-03-22 17:56:27 UTC
From: rk7066
Topic: 1170 Message: 1264

-TOM,

MIGHT YOU STILL HAVE ANY ITEMS STILL SITTING AROUND FOR THE 515 OR
525 ?

THANKS,

RAY WB8VDS

-- In nrd-525-535@yahoogroups.com, "Tom Adams" <w9lbb@...> wrote:
>
> There have been SO many messages of late re. buying, selling, &
> trading NRD-525 parts and upgrade accessories that something just
> came to mind here.
>
> Here's the story...
>
> I was at the auction that was held when RADIO RECYCLERS in
Milwaukee
> closed it's doors. Among the stuff there was a couple of NRD-525
> filters, and a plug - in filter board for the NRD-515 containing a
> 300 Hz and a 600 Hz filter, and a second unused, NOS plug-in filter
> board. The whole shootin' match was bundled into one bidding lot.
>
> I wanted that nice, fat 300 Hz filter BADLY for my NRD-525 (I'm a
CW
> operator here), so I succesfully bid for the package... I was in
> shock at the price because I was the only one there who bid on it!!!
>
> I stripped the 300 Hz filter off of the board & installed it in the
> NARROW slot, and socked away the other filters for a rainy day.
>
> The two NRD-515 plug-in filter boards have been sitting in my desk
> drawer for about 5 years now, doing nothing useful. Even the used
> one is in good shape.
>
> If anybody out there can use them, I can make you a HELL of a deal!
> <<smile>>
>
> Drop me a note off the list and we can make arrangements to put 'em
> back to work in your radio.
>
>
> 73's,
>
> Tom, W9LBB

>

1265. Windows XP software to control CBO-232 card with NRD525

Yahoo group: nrd-525-535
Date: 2006-03-23 12:12:24 UTC
From: Tony Magon
Topic: 1265 Message: 1265

Hi

Can anyone advise me of a radio control program compatible with Windows XP that controls the CBO-232 card in an NRD525

Regards

Tony VK2IC

1266. Re: Windows XP software to control CBO-232 card with NRD525

Yahoo group: nrd-525-535
Date: 2006-03-24 03:53:08 UTC
From: DAVID
Topic: 1265 Message: 1266

I use the FNRD525.TBK Program. It's in the files section of this group.

Dave

In nrd-525-535@yahoogroups.com, Tony Magon <tmagon@...> wrote:
>
> Hi
>
> Can anyone advise me of a radio control program compatible with
Windows
> XP that controls the CBO-232 card in an NRD525
>
>
> Regards
>
> Tony VK2IC
>

1267. Remote possible for the 525?

Yahoo group: nrd-525-535
Date: 2006-03-27 18:43:43 UTC
From: sdcharis1
Topic: 1267 Message: 1267

Hi all,

I'm new to the group. I've owned my 525 since I bought it new in 1992. I've added the NVA speaker & recently the VHF/UHF boards. I love my 525. I think it easily the match of any Drake I have.

This may be a silly question, but I'll ask it anyway. Why is there no remote control for the 525 but there is for the 535? I realize it may be as simple as it was never built with a remote in mind. Are they that different? If the 525 can be computer controlled (it can, can't?), why can't a remote be added?

Thanks for being patient with the "newbie."

73, Scott

1268. Re: [nrd-525-535] Remote possible for the 525?

Yahoo group: nrd-525-535
Date: 2006-03-27 18:52:59 UTC
From: gandalfg8@aol.com
Topic: 1267 Message: 1268

In a message dated 27/03/2006 19:45:11 GMT Daylight Time,
sdcharis1@... writes:

Why is there no
remote control for the 525 but there is for the 535? I realize it may
be as simple as it was never built with a remote in mind. Are they
that different? If the 525 can be computer controlled (it can,
can't?), why can't a remote be added?
Hi Scott

What do you mean by "remote control"?
If you mean PC control then both can be PC controlled, it was an optional
extra on the 525 and built in on the 535.
If you mean as in a TV style remote control I don't think that option was
available for either the 525 or 535, I've certainly never seen one anyway.

regards

Nigel
G8PZR

1269. Re: [nrd-525-535] Remote possible for the 525?

Yahoo group: nrd-525-535
Date: 2006-03-27 19:21:28 UTC
From: William H. Bowen
Topic: 1267 Message: 1269

Scott,

Yes, the 525 can be computer-controlled. Unlike the 535 where an RS-232 interface was standard, it was an optional add-in board on the 525. Now days it is nealy impossible to find the RS-232 board for the 525. However, there is a gentleman in France that makes a clone of that board that actually works better than the JRC original.

I'm not at home right now where I have ready access to the information, but I'll bet someone else will chime in with the appropriate info. If not I will post again when I get home from school tonight.

As far as the remote control - I don't know why JRC never produced one. Maybe they did not perceive a large enough demand for one. Also, without the RS-232 board the radio does not lend itself to remote control. Hard to tell nearly 20 years later what decisions where made by the designers and managers at JRC when the 525 was in the design process.

Regards,
Bill Bowen
Mather, CA USA

To: nrd-525-535@yahoogroups.com
From: "sdcharis1" <sdcharis1@...>
Date sent: Mon, 27 Mar 2006 18:43:43 -0000
Subject: [nrd-525-535] Remote possible for the 525?
Send reply to: nrd-525-535@yahoogroups.com

> Hi all,
>
> I'm new to the group. I've owned my 525 since I bought it new in
> 1992. I've added the NVA speaker & recently the VHF/UHF boards. I
> love my 525. I think it easily the match of any Drake I have.
>
> This may be a silly question, but I'll ask it anyway. Why is there no
> remote control for the 525 but there is for the 535? I realize it may
> be as simple as it was never built with a remote in mind. Are they
> that different? If the 525 can be computer controlled (it can,
> can't?), why can't a remote be added?
>
> Thanks for being patient with the "newbie."
>
> 73, Scott
>
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> Yahoo! Groups Links
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> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.385 / Virus Database: 268.3.2/294 - Release Date: 3/27/2006
>

1270. Re: Remote possible for the 525?

Yahoo group: nrd-525-535
Date: 2006-03-27 21:04:04 UTC
From: sdcharis1
Topic: 1267 Message: 1270

Hi Nigel,

Yes, I mean an actual remote control like for a TV. Try this urrl
for "swl-remotes". I've sent them an email asking why there's not
one for the 525.

73, Scott

http://www.swl-remotes.com/pages/1/index.htm

--- In nrd-525-535@yahoogroups.com, gandalfg8@... wrote:
>
> In a message dated 27/03/2006 19:45:11 GMT Daylight Time,
> sdcharis1@... writes:
>
> Why is there no
> remote control for the 525 but there is for the 535? I realize
it may
> be as simple as it was never built with a remote in mind. Are
they
> that different? If the 525 can be computer controlled (it can,
> can't?), why can't a remote be added?
> Hi Scott
>
> What do you mean by "remote control"?
> If you mean PC control then both can be PC controlled, it was an
optional
> extra on the 525 and built in on the 535.
> If you mean as in a TV style remote control I don't think that
option was
> available for either the 525 or 535, I've certainly never seen one
anyway.
>
> regards
>
> Nigel
> G8PZR
>

1271. Re: Remote possible for the 525?

Yahoo group: nrd-525-535
Date: 2006-03-27 21:09:05 UTC
From: sdcharis1
Topic: 1267 Message: 1271

Thanks, Bill, I appreciate the lead. I've sent an email to "swl-remotes" to ask them why they don't produce one for the 525. I'll be interesting to see what they have to say.

For anyone interested, here's the urrl...

http://www.swl-remotes.com/pages/1/index.htm

By, the way, I'm in Grass Valley. I went to the airshow at Mather 2 weekends ago. Was that an experience... especially on the freeway getting there!!!

73, Scott

--- In nrd-525-535@yahoogroups.com, "William H. Bowen" <wh_bowen@...> wrote:
>
> Scott,
>
> Yes, the 525 can be computer-controlled. Unlike the 535 where an RS-232
> interface was standard, it was an optional add-in board on the 525. Now days
> it is nealy impossible to find the RS-232 board for the 525. However, there
> is a gentleman in France that makes a clone of that board that actually works
> better than the JRC original.
>
> I'm not at home right now where I have ready access to the information, but
> I'll bet someone else will chime in with the appropriate info. If not I will
> post again when I get home from school tonight.
>
> As far as the remote control - I don't know why JRC never produced one.
> Maybe they did not perceive a large enough demand for one. Also, without the
> RS-232 board the radio does not lend itself to remote control. Hard to tell
> nearly 20 years later what decisions where made by the designers and managers
> at JRC when the 525 was in the design process.
>
> Regards,

> Bill Bowen
> Mather, CA USA
>
>
> To: nrd-525-535@yahoogroups.com
> From: "sdcharis1" <sdcharis1@...>
> Date sent: Mon, 27 Mar 2006 18:43:43 -0000
> Subject: [nrd-525-535] Remote possible for the 525?
> Send reply to: nrd-525-535@yahoogroups.com
>
> > Hi all,
> >
> > I'm new to the group. I've owned my 525 since I bought it new
in
> > 1992. I've added the NVA speaker & recently the VHF/UHF
boards. I
> > love my 525. I think it easily the match of any Drake I have.
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> > remote control for the 525 but there is for the 535? I realize
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> > be as simple as it was never built with a remote in mind. Are
they
> > that different? If the 525 can be computer controlled (it can,
> > can't?), why can't a remote be added?
> >
> > Thanks for being patient with the "newbie."
> >
> > 73, Scott
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> > Checked by AVG Free Edition.
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3/27/2006
> >
>

1272. Re: [nrd-525-535] Re: Remote possible for the 525?

Yahoo group: nrd-525-535
Date: 2006-03-28 01:41:56 UTC
From: John Dokulil
Topic: 1267 Message: 1272

Scott & Bill...

Sorry, No help, just a few comments.

I am more of a DXer than a listener, so any electronic device which could emit EMI and RFI (Computers, Monitors, VCRs, TVs, etc) I keep off (and unplugged) while I'm DXing. So I have no need for any sort of a controller other than what is already on my 535-Db. Years ago (about '98) when I first got the receiver, I tried controlling it via a Mac first, then a PC. Both seemed to work OK, but I found it to be more time consuming than it was worth. The only plus was if the software used could also be used for logging Stations, Frequencies and SINPO etc. But the computer (and it's peripherals) would always make just enough interference, that good DXing was no longer possible.

I too live in Grass Valley (Alta Sierra). and I passed on the Mather Airshow this year just for the vary reason you stated. Think I'll go to the Beale Airshow though.

Sorry I could not be of any help.

John Dokulil
WDX6GMX

----- Original Message -----
From: "sdcharis1" <sdcharis1@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, March 27, 2006 1:09 PM
Subject: [nrd-525-535] Re: Remote possible for the 525?

> Thanks, Bill, I appreciate the lead. I've sent an email to "swl-
> remotes" to ask them why they don't produce one for the 525. I'll
> be interesting to see what they have to say.
>
> For anyone interested, here's the urrl...
>
> http://www.swl-remotes.com/pages/1/index.htm
>
>
> By, the way, I'm in Grass Valley. I went to the airshow at Mather 2
> weekends ago. Was that an experience... especially on the freeway
> getting there!!!
>
> 73, Scott

>
>
>
> --- In nrd-525-535@yahoogroups.com, "William H. Bowen"
> <wh_bowen@...> wrote:
> >
> > Scott,
> >
> > Yes, the 525 can be computer-controlled. Unlike the 535 where an
> RS-232
> > interface was standard, it was an optional add-in board on the
> 525. Now days
> > it is nealy impossible to find the RS-232 board for the 525.
> However, there
> > is a gentleman in France that makes a clone of that board that
> actually works
> > better than the JRC original.
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> > I'm not at home right now where I have ready access to the
> information, but
> > I'll bet someone else will chime in with the appropriate info. If
> not I will
> > post again when I get home from school tonight.
> >
> > As far as the remote control - I don't know why JRC never
> produced one.
> > Maybe they did not perceive a large enough demand for one. Also,
> without the
> > RS-232 board the radio does not lend itself to remote control.
> Hard to tell
> > nearly 20 years later what decisions where made by the designers
> and managers
> > at JRC when the 525 was in the design process.
> >
> > Regards,
> > Bill Bowen
> > Mather, CA USA
> >
> >
> > To: nrd-525-535@yahoogroups.com
> > From: "sdcharis1" <sdcharis1@...>
> > Date sent: Mon, 27 Mar 2006 18:43:43 -0000
> > Subject: [nrd-525-535] Remote possible for the 525?
> > Send reply to: nrd-525-535@yahoogroups.com
> >
> > > Hi all,
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> > > 73, Scott
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1273. Re: [nrd-525-535] Re: Remote possible for the 525?

Yahoo group: nrd-525-535
Date: 2006-03-28 07:15:03 UTC
From: William H. Bowen
Topic: 1267 Message: 1273

Scott,

Yeh, that air show was great. I made the mistake Sat. morning of going over to Walmart on Folsom Blvd. - took me nearly an hour to get home (normally takes about 10 minutes).

Bill

To: nrd-525-535@yahoogroups.com
From: "sdcharis1" <sdcharis1@...>
Date sent: Mon, 27 Mar 2006 21:09:05 -0000
Subject: [nrd-525-535] Re: Remote possible for the 525?
Send reply to: nrd-525-535@yahoogroups.com

> Thanks, Bill, I appreciate the lead. I've sent an email to "swl-
> remotes" to ask them why they don't produce one for the 525. I'll
> be interesting to see what they have to say.
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> For anyone interested, here's the urrl...
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> http://www.swl-remotes.com/pages/1/index.htm
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> By, the way, I'm in Grass Valley. I went to the airshow at Mather 2
> weekends ago. Was that an experience... especially on the freeway
> getting there!!!
>
> 73, Scott
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> Hard to tell
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> > at JRC when the 525 was in the design process.
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> > Regards,
> > Bill Bowen
> > Mather, CA USA
> >
> >
> > To: nrd-525-535@yahoogroups.com
> > From: "sdcharis1" <sdcharis1@...>
> > Date sent: Mon, 27 Mar 2006 18:43:43 -0000
> > Subject: [nrd-525-535] Remote possible for the 525?
> > Send reply to: nrd-525-535@yahoogroups.com
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> > > Hi all,
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>

1274. Re: [nrd-525-535] Re: Remote possible for the 525?

Yahoo group: nrd-525-535
Date: 2006-03-28 07:16:30 UTC
From: William H. Bowen
Topic: 1267 Message: 1274

Scott,

Yeh, that air show was great. I made the mistake Sat. morning of going over to Walmart on Folsom Blvd. - took me nearly an hour to get home (normally takes about 10 minutes).

Bill

To: nrd-525-535@yahoogroups.com
From: "sdcharis1" <sdcharis1@...>
Date sent: Mon, 27 Mar 2006 21:09:05 -0000
Subject: [nrd-525-535] Re: Remote possible for the 525?
Send reply to: nrd-525-535@yahoogroups.com

> Thanks, Bill, I appreciate the lead. I've sent an email to "swl-
> remotes" to ask them why they don't produce one for the 525. I'll
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> For anyone interested, here's the urrl...
>
> http://www.swl-remotes.com/pages/1/index.htm
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>
> By, the way, I'm in Grass Valley. I went to the airshow at Mather 2
> weekends ago. Was that an experience... especially on the freeway
> getting there!!!
>
> 73, Scott
>
>
>
> --- In nrd-525-535@yahoogroups.com, "William H. Bowen"
> <wh_bowen@...> wrote:
> >
> > Scott,
> >
> > Yes, the 525 can be computer-controlled. Unlike the 535 where an
> RS-232
> > interface was standard, it was an optional add-in board on the
> 525. Now days
> > it is nealy impossible to find the RS-232 board for the 525.
> However, there
> > is a gentleman in France that makes a clone of that board that
> actually works
> > better than the JRC original.
> >

> > I'm not at home right now where I have ready access to the
> information, but
> > I'll bet someone else will chime in with the appropriate info. If
> not I will
> > post again when I get home from school tonight.
> >
> > As far as the remote control - I don't know why JRC never
> produced one.
> > Maybe they did not perceive a large enough demand for one. Also,
> without the
> > RS-232 board the radio does not lend itself to remote control.
> Hard to tell
> > nearly 20 years later what decisions where made by the designers
> and managers
> > at JRC when the 525 was in the design process.
> >
> > Regards,
> > Bill Bowen
> > Mather, CA USA
> >
> >
> > To: nrd-525-535@yahoogroups.com
> > From: "sdcharis1" <sdcharis1@...>
> > Date sent: Mon, 27 Mar 2006 18:43:43 -0000
> > Subject: [nrd-525-535] Remote possible for the 525?
> > Send reply to: nrd-525-535@yahoogroups.com
> >
> > > Hi all,
> > >
> > > I'm new to the group. I've owned my 525 since I bought it new
> in
> > > 1992. I've added the NVA speaker & recently the VHF/UHF
> boards. I
> > > love my 525. I think it easily the match of any Drake I have.
> > >
> > > This may be a silly question, but I'll ask it anyway. Why is
> there no
> > > remote control for the 525 but there is for the 535? I realize
> it may
> > > be as simple as it was never built with a remote in mind. Are
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> > > that different? If the 525 can be computer controlled (it can,
> > > can't?), why can't a remote be added?
> > >
> > > Thanks for being patient with the "newbie."
> > >
> > > 73, Scott
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1275. Re: Remote possible for the 525?

Yahoo group: nrd-525-535
Date: 2006-03-28 13:35:20 UTC
From: dlandonswl
Topic: 1267 Message: 1275

Hello Scott,

The remote is not the problem for the NRD-525. The problem is that the computer interface unit was an option and the SWL IR Remote uses the computer interface. The computer interface boards are not available and I don't think that many of the NRD-525 radios have the computer interface. This really limits the opportunities for remote control of the NRD-525.

Dan
swl-remotes

--- In nrd-525-535@yahoogroups.com, "sdcharis1" <sdcharis1@...> wrote:
>
> Thanks, Bill, I appreciate the lead. I've sent an email to "swl-
> remotes" to ask them why they don't produce one for the 525. I'll
> be interesting to see what they have to say.
>
> For anyone interested, here's the urrl...
>
> http://www.swl-remotes.com/pages/1/index.htm
>
>
> By, the way, I'm in Grass Valley. I went to the airshow at Mather 2
> weekends ago. Was that an experience... especially on the freeway
> getting there!!!
>
> 73, Scott
>
>
>
> --- In nrd-525-535@yahoogroups.com, "William H. Bowen"
> <wh_bowen@> wrote:
> >
> > Scott,
> >
> > Yes, the 525 can be computer-controlled. Unlike the 535 where an
> RS-232
> > interface was standard, it was an optional add-in board on the
> 525. Now days
> > it is nealy impossible to find the RS-232 board for the 525.
> However, there
> > is a gentleman in France that makes a clone of that board that
> actually works
> > better than the JRC original.
> >

> > I'm not at home right now where I have ready access to the
> information, but
> > I'll bet someone else will chime in with the appropriate info. If
> not I will
> > post again when I get home from school tonight.
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> > As far as the remote control - I don't know why JRC never
> produced one.
> > Maybe they did not perceive a large enough demand for one. Also,
> without the
> > RS-232 board the radio does not lend itself to remote control.
> Hard to tell
> > nearly 20 years later what decisions where made by the designers
> and managers
> > at JRC when the 525 was in the design process.
> >
> > Regards,
> > Bill Bowen
> > Mather, CA USA
> >
> >
> > To: nrd-525-535@yahoogroups.com
> > From: "sdcharis1" <sdcharis1@>
> > Date sent: Mon, 27 Mar 2006 18:43:43 -0000
> > Subject: [nrd-525-535] Remote possible for the 525?
> > Send reply to: nrd-525-535@yahoogroups.com
> >
> > > Hi all,
> > >
> > > I'm new to the group. I've owned my 525 since I bought it new
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> > > 1992. I've added the NVA speaker & recently the VHF/UHF
> boards. I
> > > love my 525. I think it easily the match of any Drake I have.
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> > > This may be a silly question, but I'll ask it anyway. Why is
> there no
> > > remote control for the 525 but there is for the 535? I realize
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> > > be as simple as it was never built with a remote in mind. Are
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> > > that different? If the 525 can be computer controlled (it can,
> > > can't?), why can't a remote be added?
> > >
> > > Thanks for being patient with the "newbie."
> > >
> > > 73, Scott
> > >
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> 3/27/2006
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>

1276. Re: [nrd-525-535] Re: Remote possible for the 525?

Yahoo group: nrd-525-535
Date: 2006-03-28 13:48:32 UTC
From: gandalfg8@aol.com
Topic: 1267 Message: 1276

In a message dated 27/03/2006 22:06:10 GMT Daylight Time,
sdcharis1@... writes:

Hi Nigel,

Yes, I mean an actual remote control like for a TV. Try this urrl
for "swl-remotes". I've sent them an email asking why there's not
one for the 525

Hi Scott

I hadn't realised such a beast existed for the 535 let alone the 525, but,
as others have commented, it's the lack of built in PC interface that's going
to cause problems for anyone looking to implement such a thing on the 525.

Personally, it's not something I would want to use with a comms receiver
anyway.

regards

Nigel

1277. Re: Remote possible for the 525?

Yahoo group: nrd-525-535
Date: 2006-03-28 15:00:58 UTC
From: sdcharis1
Topic: 1267 Message: 1277

Hi all,

Thanks for all the replies. Dan, Bill mentioned in reply #1273 that a man in France is/was making an interface board that works better than the original JRC. All things being equal, if that board worked as well as the JRC & is around, might that be a "possible" solution? Did I "qualify" my question with enough "ifs"? Just another question.

Scott

--- In nrd-525-535@yahoogroups.com, "dlandonswl" <dlandon@...> wrote:
>
> Hello Scott,
>
> The remote is not the problem for the NRD-525. The problem is that
> the computer interface unit was an option and the SWL IR Remote uses
> the computer interface. The computer interface boards are not
> available and I don't think that many of the NRD-525 radios have the
> computer interface. This really limits the opportunities for remote
> control of the NRD-525.
>
> Dan
> swl-remotes
>
> --- In nrd-525-535@yahoogroups.com, "sdcharis1" <sdcharis1@> wrote:
> >
> > Thanks, Bill, I appreciate the lead. I've sent an email to "swl-
> > remotes" to ask them why they don't produce one for the 525. I'll
> > be interesting to see what they have to say.
> >
> > For anyone interested, here's the urrl...
> >
> > http://www.swl-remotes.com/pages/1/index.htm
> >
> >
> > By, the way, I'm in Grass Valley. I went to the airshow at Mather 2
> > weekends ago. Was that an experience... especially on the freeway
> > getting there!!!
> >

> > 73, Scott
> >
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "William H. Bowen"
> > <wh_bowen@> wrote:
> > >
> > > Scott,
> > >
> > > Yes, the 525 can be computer-controlled. Unlike the 535
where an
> > RS-232
> > > interface was standard, it was an optional add-in board on the
> > 525. Now days
> > > it is nealy impossible to find the RS-232 board for the 525.
> > However, there
> > > is a gentleman in France that makes a clone of that board that
> > actually works
> > > better than the JRC original.
> > >
> > > I'm not at home right now where I have ready access to the
> > information, but
> > > I'll bet someone else will chime in with the appropriate info.
If
> > not I will
> > > post again when I get home from school tonight.
> > >
> > > As far as the remote control - I don't know why JRC never
> > produced one.
> > > Maybe they did not perceive a large enough demand for one.
Also,
> > without the
> > > RS-232 board the radio does not lend itself to remote control.
> > Hard to tell
> > > nearly 20 years later what decisions where made by the
designers
> > and managers
> > > at JRC when the 525 was in the design process.
> > >
> > > Regards,
> > > Bill Bowen
> > > Mather, CA USA
> > >
> > >
> > > To: nrd-525-535@yahoogroups.com
> > > From: "sdcharis1" <sdcharis1@>
> > > Date sent: Mon, 27 Mar 2006 18:43:43 -0000
> > > Subject: [nrd-525-535] Remote possible for the 525?
> > > Send reply to: nrd-525-535@yahoogroups.com
> > >

> > > > Hi all,
> > > >
> > > > I'm new to the group. I've owned my 525 since I bought it
new
> > in
> > > > 1992. I've added the NVA speaker & recently the VHF/UHF
> > boards. I
> > > > love my 525. I think it easily the match of any Drake I
have.
> > > >
> > > > This may be a silly question, but I'll ask it anyway. Why is
> > there no
> > > > remote control for the 525 but there is for the 535? I
realize
> > it may
> > > > be as simple as it was never built with a remote in mind.
Are
> > they
> > > > that different? If the 525 can be computer controlled (it
can,
> > > > can't?), why can't a remote be added?
> > > >
> > > > Thanks for being patient with the "newbie."
> > > >
> > > > 73, Scott
> > > >
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> > > > Yahoo! Groups Links
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Date:
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>

1278. Re: Remote possible for the 525?

Yahoo group: nrd-525-535
Date: 2006-03-29 14:35:56 UTC
From: rhblumeng
Topic: 1267 Message: 1278

Hi Scott -

It kind of boils down to this:

The computer interface board would be a fine solution to being able to use computer based control, assuming there is software out there that would control a 525. One could logically assume there is or else nobody would bother to make the board :-)

As far as a hand held remote, that's a larger problem. It's one thing for a software developer to modify a driver to work with another receiver. But the hand held remote interface is hardware and has to be set up for each receiver you market to. That extra work and cost investment is not likely to be returned by the limited potential market of 525 owners who also have the computer interface.

For your sake, I'd like to be wrong, but I don't think you will see a remote for your receiver.

Regards, Bob

--- In nrd-525-535@yahoogroups.com, "sdcharis1" <sdcharis1@...> wrote:
>
> Hi all,
>
> Thanks for all the replies. Dan, Bill mentioned in reply #1273 that
> a man in France is/was making an interface board that works better
> than the original JRC. All things being equal, if that board worked
> as well as the JRC & is around, might that be a "possible"
> solution? Did I "qualify" my question with enough "ifs"? Just
> another question.
>
> Scott
>
>
>
> --- In nrd-525-535@yahoogroups.com, "dlandonswl" <dlandon@> wrote:
> >
> > Hello Scott,
> >
> > The remote is not the problem for the NRD-525. The problem is that
> > the computer interface unit was an option and the SWL IR Remote
> uses

> > the computer interface. The computer interface boards are not
> > available and I don't think that many of the NRD-525 radios have
> the
> > computer interface. This really limits the opportunities for
> remote
> > control of the NRD-525.
> >
> > Dan
> > swl-remotes
> >
> > --- In nrd-525-535@yahoogroups.com, "sdcharis1" <sdcharis1@>
wrote:
> > >
> > > Thanks, Bill, I appreciate the lead. I've sent an email
to "swl-
> > > remotes" to ask them why they don't produce one for the 525.
> I'll
> > > be interesting to see what they have to say.
> > >
> > > For anyone interested, here's the urrl...
> > >
> > > http://www.swl-remotes.com/pages/1/index.htm
> > >
> > >
> > > By, the way, I'm in Grass Valley. I went to the airshow at
> Mather 2
> > > weekends ago. Was that an experience... especially on the
> freeway
> > > getting there!!!
> > >
> > > 73, Scott
> > >
> > >
> > >
> > > --- In nrd-525-535@yahoogroups.com, "William H. Bowen"
> > > <wh_bowen@> wrote:
> > > >
> > > > Scott,
> > > >
> > > > Yes, the 525 can be computer-controlled. Unlike the 535
> where an
> > > RS-232
> > > > interface was standard, it was an optional add-in board on
the
> > > 525. Now days
> > > > it is nealy impossible to find the RS-232 board for the 525.
> > > However, there
> > > > is a gentleman in France that makes a clone of that board
that
> > > actually works

> > > > better than the JRC original.
> > > >
> > > > I'm not at home right now where I have ready access to the
> > > information, but
> > > > I'll bet someone else will chime in with the appropriate
info.
> If
> > > not I will
> > > > post again when I get home from school tonight.
> > > >
> > > > As far as the remote control - I don't know why JRC never
> > > produced one.
> > > > Maybe they did not perceive a large enough demand for one.
> Also,
> > > without the
> > > > RS-232 board the radio does not lend itself to remote
control.
> > > Hard to tell
> > > > nearly 20 years later what decisions where made by the
> designers
> > > and managers
> > > > at JRC when the 525 was in the design process.
> > > >
> > > > Regards,
> > > > Bill Bowen
> > > > Mather, CA USA
> > > >
> > > >
> > > > To: nrd-525-535@yahoogroups.com
> > > > From: "sdcharis1" <sdcharis1@>
> > > > Date sent: Mon, 27 Mar 2006 18:43:43 -0000
> > > > Subject: [nrd-525-535] Remote possible for the
525?
> > > > Send reply to: nrd-525-535@yahoogroups.com
> > > >
> > > > > Hi all,
> > > > >
> > > > > I'm new to the group. I've owned my 525 since I bought it
> new
> > > in
> > > > > 1992. I've added the NVA speaker & recently the VHF/UHF
> > > boards. I
> > > > > love my 525. I think it easily the match of any Drake I
> have.
> > > > >
> > > > > This may be a silly question, but I'll ask it anyway. Why
is
> > > there no
> > > > > remote control for the 525 but there is for the 535? I
> realize

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> > > > > be as simple as it was never built with a remote in mind.
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> > > they
> > > > > that different? If the 525 can be computer controlled (it
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> > > > > Thanks for being patient with the "newbie."
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> > > > > 73, Scott
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> Date:
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1279. Re: [nrd-525-535] Digest Number 520

Yahoo group: nrd-525-535
Date: 2006-03-29 15:23:43 UTC
From: Stephen Darcy
Topic: 1279 Message: 1279

Hello Scott. Have a look at this web address
for the 525 board.

Steve.

http://perso.wanadoo.fr/geip/CBO232En.htm
----- Original Message -----
From: <nrd-525-535@yahoogroups.com>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, March 29, 2006 1:59 PM
Subject: [nrd-525-535] Digest Number 520

> There are 3 messages in this issue.
>
> Topics in this digest:
>
> 1. Re: Remote possible for the 525?
> From: "dlandonswl" <dlandon@...>
> 2. Re: Re: Remote possible for the 525?
> From: gandalfg8@...
> 3. Re: Remote possible for the 525?
> From: "sdcharis1" <sdcharis1@...>
>
>
> --
> --
>
> Message: 1
> Date: Tue, 28 Mar 2006 13:35:20 -0000
> From: "dlandonswl" <dlandon@...>
> Subject: Re: Remote possible for the 525?
>
> Hello Scott,
>
> The remote is not the problem for the NRD-525. The problem is that
> the computer interface unit was an option and the SWL IR Remote uses
> the computer interface. The computer interface boards are not
> available and I don't think that many of the NRD-525 radios have the
> computer interface. This really limits the opportunities for remote
> control of the NRD-525.
>
> Dan
> swl-remotes
>
> --- In nrd-525-535@yahoogroups.com, "sdcharis1" <sdcharis1@...> wrote:
>>

>> Thanks, Bill, I appreciate the lead. I've sent an email to "swl-
>> remotes" to ask them why they don't produce one for the 525. I'll
>> be interesting to see what they have to say.
>>
>> For anyone interested, here's the urrl...
>>
>> http://www.swl-remotes.com/pages/1/index.htm
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>> By, the way, I'm in Grass Valley. I went to the airshow at Mather 2
>> weekends ago. Was that an experience... especially on the freeway
>> getting there!!!
>>
>> 73, Scott
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>> --- In nrd-525-535@yahoogroups.com, "William H. Bowen"
>> <wh_bowen@> wrote:
>> >
>> > Scott,
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>> > Yes, the 525 can be computer-controlled. Unlike the 535 where an
>> RS-232
>> > interface was standard, it was an optional add-in board on the
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>> > better than the JRC original.
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>> > As far as the remote control - I don't know why JRC never
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>> Hard to tell
>> > nearly 20 years later what decisions where made by the designers
>> and managers
>> > at JRC when the 525 was in the design process.
>> >
>> > Regards,
>> > Bill Bowen

>> > Mather, CA USA
>> >
>> >
>> > To: nrd-525-535@yahoogroups.com
>> > From: "sdcharis1" <sdcharis1@>
>> > Date sent: Mon, 27 Mar 2006 18:43:43 -0000
>> > Subject: [nrd-525-535] Remote possible for the 525?
>> > Send reply to: nrd-525-535@yahoogroups.com
>> >
>> > > Hi all,
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>> 3/27/2006

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> --
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>
> Message: 2
> Date: Tue, 28 Mar 2006 08:48:32 EST
> From: gandalfg8@...
> Subject: Re: Re: Remote possible for the 525?
>
>
> In a message dated 27/03/2006 22:06:10 GMT Daylight Time,
> sdcharis1@... writes:
>
> Hi Nigel,
>
> Yes, I mean an actual remote control like for a TV. Try this urrl
> for "swl-remotes". I've sent them an email asking why there's not
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>
> Hi Scott
>
> I hadn't realised such a beast existed for the 535 let alone the 525, but,
> as others have commented, it's the lack of built in PC interface that's
> going
> to cause problems for anyone looking to implement such a thing on the
> 525.
>
> Personally, it's not something I would want to use with a comms receiver
> anyway.
>
> regards
>
> Nigel
>
>
>
> [This message contained attachments]
>
>
>

> --
> --
>
> Message: 3
> Date: Tue, 28 Mar 2006 15:00:58 -0000
> From: "sdcharis1" <sdcharis1@...>
> Subject: Re: Remote possible for the 525?
>
> Hi all,
>
> Thanks for all the replies. Dan, Bill mentioned in reply #1273 that
> a man in France is/was making an interface board that works better
> than the original JRC. All things being equal, if that board worked
> as well as the JRC & is around, might that be a "possible"
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> another question.
>
> Scott
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>> swl-remotes
>>
>> --- In nrd-525-535@yahoogroups.com, "sdcharis1" <sdcharis1@> wrote:
>> >
>> > Thanks, Bill, I appreciate the lead. I've sent an email to "swl-
>> > remotes" to ask them why they don't produce one for the 525.
> I'll
>> > be interesting to see what they have to say.
>> >
>> > For anyone interested, here's the urrl...
>> >
>> > http://www.swl-remotes.com/pages/1/index.htm
>> >
>> >

>> > By, the way, I'm in Grass Valley. I went to the airshow at
> Mather 2
>> > weekends ago. Was that an experience... especially on the
> freeway
>> > getting there!!!
>> >
>> > 73, Scott
>> >
>> >
>> >
>> > --- In nrd-525-535@yahoogroups.com, "William H. Bowen"
>> > <wh_bowen@> wrote:
>> > >
>> > > Scott,
>> > >
>> > > Yes, the 525 can be computer-controlled. Unlike the 535
> where an
>> > RS-232
>> > > interface was standard, it was an optional add-in board on the
>> > 525. Now days
>> > > it is nealy impossible to find the RS-232 board for the 525.
>> > However, there
>> > > is a gentleman in France that makes a clone of that board that
>> > actually works
>> > > better than the JRC original.
>> > >
>> > > I'm not at home right now where I have ready access to the
>> > information, but
>> > > I'll bet someone else will chime in with the appropriate info.
> If
>> > not I will
>> > > post again when I get home from school tonight.
>> > >
>> > > As far as the remote control - I don't know why JRC never
>> > produced one.
>> > > Maybe they did not perceive a large enough demand for one.
> Also,
>> > without the
>> > > RS-232 board the radio does not lend itself to remote control.
>> > Hard to tell
>> > > nearly 20 years later what decisions where made by the
> designers
>> > and managers
>> > > at JRC when the 525 was in the design process.
>> > >
>> > > Regards,
>> > > Bill Bowen
>> > > Mather, CA USA
>> > >
>> > >

>> > > To: nrd-525-535@yahoogroups.com
>> > > From: "sdcharis1" <sdcharis1@>
>> > > Date sent: Mon, 27 Mar 2006 18:43:43 -0000
>> > > Subject: [nrd-525-535] Remote possible for the 525?
>> > > Send reply to: nrd-525-535@yahoogroups.com
>> > >
>> > > > Hi all,
>> > > >
>> > > > I'm new to the group. I've owned my 525 since I bought it
> new
>> > in
>> > > > 1992. I've added the NVA speaker & recently the VHF/UHF
>> > boards. I
>> > > > love my 525. I think it easily the match of any Drake I
> have.
>> > > >
>> > > > This may be a silly question, but I'll ask it anyway. Why is
>> > there no
>> > > > remote control for the 525 but there is for the 535? I
> realize
>> > it may
>> > > > be as simple as it was never built with a remote in mind.
> Are
>> > they
>> > > > that different? If the 525 can be computer controlled (it
> can,
>> > > > can't?), why can't a remote be added?
>> > > >
>> > > > Thanks for being patient with the "newbie."
>> > > >
>> > > > 73, Scott
>> > > >
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>> > > > Yahoo! Groups Links
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>> > > >
>> > > > --
>> > > > No virus found in this incoming message.
>> > > > Checked by AVG Free Edition.

>> > > > Version: 7.1.385 / Virus Database: 268.3.2/294 - Release
> Date:
>> > 3/27/2006
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> Yahoo! Groups Links
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1280. Re: Digest Number 520

Yahoo group: nrd-525-535
Date: 2006-03-29 21:32:53 UTC
From: sdcharis1
Topic: 1279 Message: 1280

Thanks Steve! I appreciate the information.

Scott

--- In nrd-525-535@yahoogroups.com, "Stephen Darcy" <steve@...>
wrote:
>
> Hello Scott. Have a look at this web address
> for the 525 board.
>
> Steve.
>
> http://perso.wanadoo.fr/geip/CBO232En.htm
> ----- Original Message -----
> From: <nrd-525-535@yahoogroups.com>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Wednesday, March 29, 2006 1:59 PM
> Subject: [nrd-525-535] Digest Number 520
>
>
> > There are 3 messages in this issue.
> >
> > Topics in this digest:
> >
> > 1. Re: Remote possible for the 525?
> > From: "dlandonswl" <dlandon@...>
> > 2. Re: Re: Remote possible for the 525?
> > From: gandalfg8@...
> > 3. Re: Remote possible for the 525?
> > From: "sdcharis1" <sdcharis1@...>
> >
> >
> >

> >

> >
> > Message: 1
> > Date: Tue, 28 Mar 2006 13:35:20 -0000
> > From: "dlandonswl" <dlandon@...>
> > Subject: Re: Remote possible for the 525?
> >
> > Hello Scott,

> >
> > The remote is not the problem for the NRD-525. The problem is
that
> > the computer interface unit was an option and the SWL IR Remote
uses
> > the computer interface. The computer interface boards are not
> > available and I don't think that many of the NRD-525 radios have
the
> > computer interface. This really limits the opportunities for
remote
> > control of the NRD-525.
> >
> > Dan
> > swl-remotes
> >
> > --- In nrd-525-535@yahoogroups.com, "sdcharis1" <sdcharis1@>
wrote:
> >>
> >> Thanks, Bill, I appreciate the lead. I've sent an email
to "swl-
> >> remotes" to ask them why they don't produce one for the 525.
I'll
> >> be interesting to see what they have to say.
> >>
> >> For anyone interested, here's the urrl...
> >>
> >> http://www.swl-remotes.com/pages/1/index.htm
> >>
> >>
> >> By, the way, I'm in Grass Valley. I went to the airshow at
Mather 2
> >> weekends ago. Was that an experience... especially on the
freeway
> >> getting there!!!
> >>
> >> 73, Scott
> >>
> >>
> >>
> >> --- In nrd-525-535@yahoogroups.com, "William H. Bowen"
> >> <wh_bowen@> wrote:
> >> >
> >> > Scott,
> >> >
> >> > Yes, the 525 can be computer-controlled. Unlike the 535
where an
> >> RS-232
> >> > interface was standard, it was an optional add-in board on the
> >> 525. Now days
> >> > it is nealy impossible to find the RS-232 board for the 525.

> >> However, there
> >> > is a gentleman in France that makes a clone of that board that
> >> actually works
> >> > better than the JRC original.
> >> >
> >> > I'm not at home right now where I have ready access to the
> >> information, but
> >> > I'll bet someone else will chime in with the appropriate
info. If
> >> not I will
> >> > post again when I get home from school tonight.
> >> >
> >> > As far as the remote control - I don't know why JRC never
> >> produced one.
> >> > Maybe they did not perceive a large enough demand for one.
Also,
> >> without the
> >> > RS-232 board the radio does not lend itself to remote control.
> >> Hard to tell
> >> > nearly 20 years later what decisions where made by the
designers
> >> and managers
> >> > at JRC when the 525 was in the design process.
> >> >
> >> > Regards,
> >> > Bill Bowen
> >> > Mather, CA USA
> >> >
> >> >
> >> > To: nrd-525-535@yahoogroups.com
> >> > From: "sdcharis1" <sdcharis1@>
> >> > Date sent: Mon, 27 Mar 2006 18:43:43 -0000
> >> > Subject: [nrd-525-535] Remote possible for the 525?
> >> > Send reply to: nrd-525-535@yahoogroups.com
> >> >
> >> > > Hi all,
> >> > >
> >> > > I'm new to the group. I've owned my 525 since I bought it
new
> >> in
> >> > > 1992. I've added the NVA speaker & recently the VHF/UHF
> >> boards. I
> >> > > love my 525. I think it easily the match of any Drake I
have.
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> >> > > This may be a silly question, but I'll ask it anyway. Why is
> >> there no
> >> > > remote control for the 525 but there is for the 535? I
realize
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> >> > > be as simple as it was never built with a remote in mind.
Are
> >> they
> >> > > that different? If the 525 can be computer controlled (it
can,
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> >> > > 73, Scott
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> >> > > Yahoo! Groups Links
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Date:
> >> 3/27/2006
> >> > >
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> >
> > Message: 2

> > Date: Tue, 28 Mar 2006 08:48:32 EST
> > From: gandalfg8@...
> > Subject: Re: Re: Remote possible for the 525?
> >
> >
> > In a message dated 27/03/2006 22:06:10 GMT Daylight Time,
> > sdcharis1@... writes:
> >
> > Hi Nigel,
> >
> > Yes, I mean an actual remote control like for a TV. Try this
urrl
> > for "swl-remotes". I've sent them an email asking why there's
not
> > one for the 525
> >
> >
> > Hi Scott
> >
> > I hadn't realised such a beast existed for the 535 let alone the
525, but,
> > as others have commented, it's the lack of built in PC interface
that's
> > going
> > to cause problems for anyone looking to implement such a thing
on the
> > 525.
> >
> > Personally, it's not something I would want to use with a comms
receiver
> > anyway.
> >
> > regards
> >
> > Nigel
> >
> >
> >
> > [This message contained attachments]
> >
> >
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> >

> >

> > Message: 3

> > Date: Tue, 28 Mar 2006 15:00:58 -0000
> > From: "sdcharis1" <sdcharis1@...>
> > Subject: Re: Remote possible for the 525?
> >
> > Hi all,
> >
> > Thanks for all the replies. Dan, Bill mentioned in reply #1273
that
> > a man in France is/was making an interface board that works
better
> > than the original JRC. All things being equal, if that board
worked
> > as well as the JRC & is around, might that be a "possible"
> > solution? Did I "qualify" my question with enough "ifs"? Just
> > another question.
> >
> > Scott
> >
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "dlandonswl" <dlandon@>
wrote:
> >>
> >> Hello Scott,
> >>
> >> The remote is not the problem for the NRD-525. The problem is
that
> >> the computer interface unit was an option and the SWL IR Remote
> > uses
> >> the computer interface. The computer interface boards are not
> >> available and I don't think that many of the NRD-525 radios have
> > the
> >> computer interface. This really limits the opportunities for
> > remote
> >> control of the NRD-525.
> >>
> >> Dan
> >> swl-remotes
> >>
> >> --- In nrd-525-535@yahoogroups.com, "sdcharis1" <sdcharis1@>
wrote:
> >> >
> >> > Thanks, Bill, I appreciate the lead. I've sent an email
to "swl-
> >> > remotes" to ask them why they don't produce one for the 525.
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> >> > be interesting to see what they have to say.
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> >> > http://www.swl-remotes.com/pages/1/index.htm
> >> >
> >> >
> >> > By, the way, I'm in Grass Valley. I went to the airshow at
> > Mather 2
> >> > weekends ago. Was that an experience... especially on the
> > freeway
> >> > getting there!!!
> >> >
> >> > 73, Scott
> >> >
> >> >
> >> >
> >> > --- In nrd-525-535@yahoogroups.com, "William H. Bowen"
> >> > <wh_bowen@> wrote:
> >> > >
> >> > > Scott,
> >> > >
> >> > > Yes, the 525 can be computer-controlled. Unlike the 535
> > where an
> >> > RS-232
> >> > > interface was standard, it was an optional add-in board on
the
> >> > 525. Now days
> >> > > it is nealy impossible to find the RS-232 board for the 525.
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> >> > > better than the JRC original.
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> >> > information, but
> >> > > I'll bet someone else will chime in with the appropriate
info.
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> >> > not I will
> >> > > post again when I get home from school tonight.
> >> > >
> >> > > As far as the remote control - I don't know why JRC never
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> >> > > Maybe they did not perceive a large enough demand for one.
> > Also,
> >> > without the
> >> > > RS-232 board the radio does not lend itself to remote
control.
> >> > Hard to tell
> >> > > nearly 20 years later what decisions where made by the
> > designers
> >> > and managers

> >> > > at JRC when the 525 was in the design process.
> >> > >
> >> > > Regards,
> >> > > Bill Bowen
> >> > > Mather, CA USA
> >> > >
> >> > >
> >> > > To: nrd-525-535@yahoogroups.com
> >> > > From: "sdcharis1" <sdcharis1@>
> >> > > Date sent: Mon, 27 Mar 2006 18:43:43 -0000
> >> > > Subject: [nrd-525-535] Remote possible for the 525?
> >> > > Send reply to: nrd-525-535@yahoogroups.com
> >> > >
> >> > > > Hi all,
> >> > > >
> >> > > > I'm new to the group. I've owned my 525 since I bought it
> > new
> >> > in
> >> > > > 1992. I've added the NVA speaker & recently the VHF/UHF
> >> > boards. I
> >> > > > love my 525. I think it easily the match of any Drake I
> > have.
> >> > > >
> >> > > > This may be a silly question, but I'll ask it anyway. Why
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> >> > there no
> >> > > > remote control for the 525 but there is for the 535? I
> > realize
> >> > it may
> >> > > > be as simple as it was never built with a remote in mind.
> > Are
> >> > they
> >> > > > that different? If the 525 can be computer controlled (it
> > can,
> >> > > > can't?), why can't a remote be added?
> >> > > >
> >> > > > Thanks for being patient with the "newbie."
> >> > > >
> >> > > > 73, Scott
> >> > > >
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> >> > > > Yahoo! Groups Links
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1281. Help please! CMK-165 problem with 525

Yahoo group: nrd-525-535
Date: 2006-03-30 04:38:53 UTC
From: sdcharis1
Topic: 1281 Message: 1281

Hi all,

I have another nagging question about the 525. Any help would be greatly & gratefully appreciated.

Here's the problem. I recently acquired the CMK-165, the VHF/UHF boards for the 525: the CHE-85 & the CGA-118.

Unfortunately, after properly installing them twice, I was not been able to get them to work... no signal. The boards also appeared to be "shorting out" the radio spectrum. If I take them out, the radio works fine in all modes. I've owned the 525 since I bought it new. It's never had a problem.

The third time I re-inserted the CGA-118 (with the CHE-85 still in), I was able to pick up NOAA & the local police. But, it was very scratchy (is that because it was being received as FM-wide?). I take it the 525 doesn't have a FM-narrow setting to bring it in crisply? Am I right in that? Any way to correct that?

But the short problem still exists... The set still was dead below 34 MHz! No AM, shortwave, ham, etc. There was just hiss & occasional static. What am I missing???

Okay, I'm officially stumped. The person I got the CMK-165 from will let me return the boards, but, I'd rather keep them... if I can get the things to work right. Does anybody have a 525 with these boards that works the way it should?

All you 525 experts... what's been your experience. Any remedies?

Thanks for your help!

73, Scott

1282. Re: [nrd-525-535] Sony TCM 5000EV Recorder For Sale

Yahoo group: nrd-525-535
Date: 2006-03-31 14:57:58 UTC
From: Roland Sandberg
Topic: 1220 Message: 1282

Is the recorder still for sale??
Regards
Roland Sandberg

----- Original Message -----
From: "suburude" <suburude@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, January 21, 2006 7:44 PM
Subject: [nrd-525-535] Sony TCM 5000EV Recorder For Sale

Sony TCM 5000EV Recorder For Sale in good condition. Specs below!
This is a pro recorder working very well with manual and carrying
strap. New these are over $500.
$100 + shp. E mail me if interested. suburude@...

Specifications . Voice Operated Recording for Unparalleled Ease of
Use 1. Begins recording as soon as talking beings2. Bucket Brigade
Device (BBD) stores first sounds until motor starts tape-- so
nothing is lost3. Rotary dial sensitivity control for voice over
recording

. Built-in speaker: Large, 3 5/7" diameter for clear sound

. Easy to Use Controls 1. One touch recording eliminates juggling
play and record buttons2. Speed control (+40%,-20%) for exact pitch
matching and slow or rapid review3. Instant edit for on-the-spot
corrections and gap free results in playback4. One touch review5.
Cue and review for sound during fast forward or rewind6. Automatic
Shut-Off at tape end from play and record modes7. Locking pause
control8. Continuous tone control

. Convenient Meters, Jacks, Indicators and Counters 1. Professional
level VU meter to set recording levels2. Battery level switchable
indication on VU meter3. Pre-End Alarm (PEA) LED and audible signal
through headphones4. Three digit tape counter5. Microphone jack6.
Earphone jack7. LED battery indicator

. Three Heads and Other Advanced Technology for Great Recordings 1.
Three head recording/monitor system with separate erase, record and
play heads permits specialization of function and direct off-the-
tape monitoring for superb results2. Built-in electret condenser
microphone for small size and extended frequency of response3.
Counter inertial flywheel for uniform even speed

. Tape system: 2 Track, 1 Channel Monaural Cassette

. Frequency response: 90 - 90,000Hz

. Microphone: Built-In Electret Condenser

. Inputs: Microphone: Mini Jack x 2Line Mini Jack; external

. Outputs: Earphone

. Speaker: 3 5/8" dynamic

. POWER REQUIREMENTS"C" x 4 Batteries (6V) (supplied)AC 120V, 60Hz with AC Adaptor (optional)DC 12V with Battery Cord (optional) Rechargeable Battery Pack (optional)

. Battery life1: 20 hrs Recording with Alkaline Batteries

. COLORBlack

Yahoo! Groups Links

1283. What's the going price for a 535d

Yahoo group: nrd-525-535
Date: 2006-04-01 15:48:31 UTC
From: halhermanns
Topic: 1283 Message: 1283

Hello all,
I have an opportunity to purchase a 535d model in excellent condition. The selling price is 945.00 US dollars. Does that seem like a fair price? Universal Radio has a range for this receiver at 650-800. I was hoping to get some comments from the group. Thanks!
Hal

1284. Re: [nrd-525-535] What's the going price for a 535d

Yahoo group: nrd-525-535
Date: 2006-04-01 16:16:51 UTC
From: Robert W. Betts
Topic: 1283 Message: 1284

Hi Hal:
Are there any accessories? Added filters, speaker, etc?
That seems a bit high.
I looked at two 535's last year and their displays were beginning to fail. Apparently, the displays have a total hour life rating, unlike LCD and LEDs. I talked to the tech at Universal who said they are no longer available as a repair item. Maybe somewhere else? Dunno?
Possibly the one you are looking at is very low hours.
Bob

halhermanns <halhermanns@...> wrote:
Hello all,
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Hal

Yahoo! Groups Links

1285. AW: [nrd-525-535] What's the going price for a 535d

Yahoo group: nrd-525-535
Date: 2006-04-01 16:17:57 UTC
From: Reinhold Schuttkowski
Topic: 1283 Message: 1285

Hi, Hal!

I think that´s too much. Universal Radio is closer to the truth. Sure it depends on the condition but 945 dollars is (at least over here in Germany) too much.

73, Reinhold

-----Ursprüngliche Nachricht-----
Von: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] Im Auftrag von halhermanns
Gesendet: Samstag, 1. April 2006 17:49
An: nrd-525-535@yahoogroups.com
Betreff: [nrd-525-535] What's the going price for a 535d

Hello all,
I have an opportunity to purchase a 535d model in excellent condition. The selling price is
945.00 US dollars. Does that seem like a fair price? Universal Radio has a range for this
receiver at 650-800. I was hoping to get some comments from the group.
Thanks!
Hal

Yahoo! Groups Links

1286. Re: [nrd-525-535] What's the going price for a 535d

Yahoo group: nrd-525-535
Date: 2006-04-01 16:30:24 UTC
From: Tony White
Topic: 1283 Message: 1286

Hal,

I auctioned one off on eBay late last year in excellent condition and it went for $775. So, I'd say $945 is on the high side, too.

I am considering selling of my remaining 535Db with NVA-319. Have original manual for the radio. Contact me directly if you're interested.

regards,

twhite

----- Original Message -----
From: "halhermanns" <halhermanns@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, April 01, 2006 9:48 AM
Subject: [nrd-525-535] What's the going price for a 535d

> Hello all,
> I have an opportunity to purchase a 535d model in excellent condition. The
> selling price is
> 945.00 US dollars. Does that seem like a fair price? Universal Radio has a
> range for this
> receiver at 650-800. I was hoping to get some comments from the group.
> Thanks!
> Hal
>
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>
> Yahoo! Groups Links
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1287. RE: [nrd-525-535] What's the going price for a 535d

Yahoo group: nrd-525-535
Date: 2006-04-01 17:33:43 UTC
From: Gary Saltz
Topic: 1283 Message: 1287

Hal,

10 owners probably will tell you 10 story values but bottom line is "only worth what you can get". There are many 535's that have been painfully upgraded to past the 535D in options. These options can exceed $1000 in todays market. Problem is there are in very rare supply. I bought the last NVA-319 Universal had. I also bought a NIB last in USA, High Stable Crystal Kit CGD-135 from JRC. I also purchased 2 additional bandwidth crystals depending on my needs. I value my total package at $1100 as the value of the options make its value. I happen to like the 535 over the 545 as DSP operation is not all its cracked up to be and a pain in the ass. Just my personal comments. As you can see a 535 or D can go from $600 to $1100. Want to add another $90 plus add a remote to either and you still have a hell of a radio for the money.

Gary

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of Tony White
Sent: Saturday, April 01, 2006 9:30 AM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] What's the going price for a 535d

Hal,

I auctioned one off on eBay late last year in excellent condition and it went for $775. So, I'd say $945 is on the high side, too.

I am considering selling of my remaining 535Db with NVA-319. Have original manual for the radio. Contact me directly if you're interested.

regards,

twhite

----- Original Message -----
From: "halhermanns" <halhermanns@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, April 01, 2006 9:48 AM
Subject: [nrd-525-535] What's the going price for a 535d

> Hello all,
> I have an opportunity to purchase a 535d model in excellent condition. The

> selling price is
> 945.00 US dollars. Does that seem like a fair price? Universal Radio has a

> range for this
> receiver at 650-800. I was hoping to get some comments from the group.
> Thanks!
> Hal
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---

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1288. Re: What's the going price for a 535d

Yahoo group: nrd-525-535
Date: 2006-04-02 19:41:22 UTC
From: harle83
Topic: 1283 Message: 1288

Just a word, a 535D in "collector's" quality went for 955.00 on ebay
this last week. I wouldn't sell mine but they do command that kind
of money. No extra's on it.
Harry--- In nrd-525-535@yahoogroups.com, "Reinhold Schuttkowski"
<reinholdschuttkowski@...> wrote:
>
> Hi, Hal!
>
> I think that´s too much. Universal Radio is closer to the truth.
Sure it
> depends on the condition but 945 dollars is (at least over here in
Germany)
> too much.
>
> 73, Reinhold
>
> -----Ursprüngliche Nachricht-----
> Von: nrd-525-535@yahoogroups.com [mailto:nrd-525-
535@yahoogroups.com] Im
> Auftrag von halhermanns
> Gesendet: Samstag, 1. April 2006 17:49
> An: nrd-525-535@yahoogroups.com
> Betreff: [nrd-525-535] What's the going price for a 535d
>
> Hello all,
> I have an opportunity to purchase a 535d model in excellent
condition. The
> selling price is
> 945.00 US dollars. Does that seem like a fair price? Universal
Radio has a
> range for this
> receiver at 650-800. I was hoping to get some comments from the
group.
> Thanks!
> Hal
>
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>
> Yahoo! Groups Links
>

1289. Wanted: JRC NRD 535D

Yahoo group: nrd-525-535
Date: 2006-04-03 17:13:29 UTC
From: halhermanns
Topic: 1289 Message: 1289

Hello All,
I am looking to purchase a clean 535D. Anyone in the group interested in selling their rig? Please let me know. Thanks.
Hal

1290. WTB NSD-515 / NVA-515

Yahoo group: nrd-525-535
Date: 2006-04-03 16:00:22 UTC
From: rk7066
Topic: 1290 Message: 1290

I am attempting to reassemble the vintage station. I have the located the 515 and would like to hear of any optional accessories.

TRIED posting on the 515 Group, but ZERO activity.

I am also in need of a manual for the 515.
Does anyone know if a Service Manual is available for the 515?

I also read that Sherwood offers an upgrade kit for Improved AM reception. I would like to hear from anyone who has tried the mod or can offer advice as to what is the tried and true method of AM bandwidth restoration.

I know locating the matching transmitter is a stretch, but any assistance would be very much appreciated.

Thanks All.
Ray , WB8VDS

1291. RE: [nrd-525-535] WTB NSD-515 / NVA-515

Yahoo group: nrd-525-535
Date: 2006-04-03 23:37:41 UTC
From: Al Bolton
Topic: 1290 Message: 1291

Hi Ray,

Contact me off list - I have an NRD-515 and an NSD-515 I would like to sell and I also have a new-in-the-box NDH-518 for sale. I also have relevant manuals somewhere, too!

Only one problem - I'm in England!

My e-mail address: al.bolton@...

Regards,

Al, G4VSQ

-----Original Message-----
From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of rk7066
Sent: 03 April 2006 17:00
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] WTB NSD-515 / NVA-515

I am attempting to reassemble the vintage station. I have the located the 515 and would like to hear of any optional accessories.

TRIED posting on the 515 Group, but ZERO activity.

I am also in need of a manual for the 515.
Does anyone know if a Service Manual is available for the 515?

I also read that Sherwood offers an upgrade kit for Improved AM reception. I would like to hear from anyone who has tried the mod or can offer advice as to what is the tried and true method of AM bandwidth restoration.

I know locating the matching transmitter is a stretch, but any assistance would be very much appreciated.

Thanks All.
Ray , WB8VDS

1292. RE: [nrd-525-535] WTB NSD-515 / NVA-515

Yahoo group: nrd-525-535
Date: 2006-04-04 03:50:06 UTC
From: Ray Klein
Topic: 1290 Message: 1292

AL,

I am actively selling gear to fund the NRD station.

I would love to hear more of the station please.

As I mentioned I have the 515 coming and the desire is a complete station.

I read on QRZ you enjoy vintage gear. I too like older tube gear. I used to do a fair share of Drake rehabs here.

Thanks for the reply and look forward to email.

UK is a haul for sure, but UPS serves the world.

Ray Klein WB8VDS

Al Bolton <al.bolton@...> wrote:
Hi Ray,

Contact me off list - I have an NRD-515 and an NSD-515 I would like to sell and I also have a new-in-the-box NDH-518 for sale. I also have relevant manuals somewhere, too!

Only one problem - I'm in England!

My e-mail address: al.bolton@...

Regards,

Al, G4VSQ

-----Original Message-----
From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of rk7066
Sent: 03 April 2006 17:00
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] WTB NSD-515 / NVA-515

I am attempting to reassemble the vintage station. I have the located the 515 and would like to hear of any optional accessories.

TRIED posting on the 515 Group, but ZERO activity.

I am also in need of a manual for the 515.
Does anyone know if a Service Manual is available for the 515?

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to what is the tried and true method of AM bandwidth restoration.

_____
I know locating the matching transmitter is a stretch, but any assistance
would be very much appreciated.

Thanks All.
Ray , WB8VDS

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1293. Re: [nrd-525-535] WTB NSD-515 / NVA-515

Yahoo group: nrd-525-535
Date: 2006-04-04 04:34:38 UTC
From: g3vvt@aol.com
Topic: 1290 Message: 1293

Hi Al/Ray,

According to information received from a previous employee there were only 5 NSD515 transmitters imported into the UK by the JRC agent at the time, Lowe Electronics.
I know where 3 are in the North of England, of which I have the NSD-515/NRD-515 pair.
Al must have one of the two that were reported to be in the south of England. Others may have come into the UK as personal imports, but have no information to support that.

The TX and matching PSU were rather expensive and when the cost of the already expensive NRD-515 RX was added, made an extremely costly radio.

My NSD-515 has the WARC bands installed which was an option, though not the antenna tuning unit. One item I would have liked at one time was the keypad for the RX. If anybody has a copy of the schematic for this I would be interested to see that. There was also a memory unit for the RX and a few of them are still in the second hand market. Both the RX and TX came with operator manuals that had the schematics included and I did manage to receive a scanned copy of the NRD-515 service manual from an owner in Sweden. Never found much in the way of information for the NSD-515 TX, though suspect this may have been adapted from a marine unit. From what my late father in law Ted, G3UUA told me the NSD-515 TX was made to order and took 6 months to be shipped. The one I use as my main HF station here was one he owned in 1982. Believe the NSD-515 was available in Japan as a 10W version. Seems to work well and receives good audio reports. No bells and whistles, just what you see on the front panel, though does have a good RF clipper system installed in the TX IF with two cascaded crystal filters, one either side of the clipper chip. The TX used vertical plug in PCB similar to the later JST-135 transceiver. There are quite an amount of relays for the band, VFO and other switching which can give trouble if not used regularly, some of which some are difficult to get at to clean. Apart from this the only problem experience with my NSD-515 is a slight initial drift with the TX delta tune arrangement that uses a VXO at 43MHz to place the TX in synchronism with the RX frequency. May be the varicap diode that gives the reference for this section, but as it is a little difficult to get at on the front panel without dismantling and is stable after the initial 5 to 10 minutes, have not tried to cure

Ray, if you eventually need a scan of the NSD-515 RX service manual or a block diagram of the NSD-515 TX, contact me direct and will arrange.

Regards,
Bob, G3VVT
JRC:- NSD/NRD-515, JST135

1294. Wanted JRC NRD 535 or 535D

Yahoo group: nrd-525-535
Date: 2006-04-12 12:12:19 UTC
From: wwcmradio
Topic: 1294 Message: 1294

Hi

Wanted JRC NRD 535 in good working condition(full modules)!!

Payment Via Paypal

My location: Athens,Greece

any available?

Thanks

1295. Re: [nrd-525-535] Digest Number 526

Yahoo group: nrd-525-535
Date: 2006-04-12 18:33:11 UTC
From: Harry Taylor
Topic: 1295 Message: 1295

There is a 535D with a NVD 319 speaker for 850.00 on ebay right now. Excellent condition.
Not mine
Good Luck,
K9HDT Harry

nrd-525-535@yahoogroups.com wrote:
There is 1 message in this issue.

Topics in this digest:

1. Wanted JRC NRD 535 or 535D
From: "wwcmradio"

Message: 1
Date: Wed, 12 Apr 2006 12:12:19 -0000
From: "wwcmradio"
Subject: Wanted JRC NRD 535 or 535D

Hi

Wanted JRC NRD 535 in good working condition(full modules)!!

Payment Via Paypal

My location: Athens,Greece

any available?

Thanks

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1296. NRD-515 AGC problem

Yahoo group: nrd-525-535
Date: 2006-04-17 04:24:34 UTC
From: rk7066
Topic: 1296 Message: 1296

I recently received a nice NRD-515 receiver. Seems the AGC and S-meter is out to lunch. The AGC and S-meter seems to function ONLY on very strong signals and only when operated in the AM mode and with the 6 khz filter selected.
The AGC doesn't function what so ever is USB, LSB and CW modes.
When AGC is functional the S-Meter does function.
Previous owner stated the AGC functioned fine. I can find no connector issues.
The receiver functions OK otherwise, but I need to run with 10db attenuator.
I wonder if anyone can tell me if this problem is a common one for this receiver.
I also wonder if anyone can tell me if a Service Manual exists for this radio.
I do not have the Operators Manual, but feel this manual is most likely available in a reprint.
All in all, the 515 is a really cool set. Any assistance is welcomed.
Any NSD-515 transmitters out there up for grabs.
Thanks for reading.
Ray, WB8VDS
Mentor, Ohio USA

1297. Re: [nrd-525-535] NRD-515 AGC problem

Yahoo group: nrd-525-535
Date: 2006-04-18 01:03:33 UTC
From: g3vvt@aol.com
Topic: 1296 Message: 1297

In a message dated 17/04/06 05:25:09 GMT Daylight Time, rk7066@...
writes:

The receiver functions OK otherwise, but I need to run with 10db
attenuator.

Hi Ray,

Why would you want to run with the 10dB attenuator switched in?

Possibly you need to check the NRD-515 with a signal generator for
performance. Points to check are:

1. The mute circuit shorting link has been inserted at J35 inside the RX on
the top RX PCB. This will have been removed if the receiver was operated with
the NSD-515.

2. Set RF gain (IF gain) at fully clockwise, PBT at the centre detent, ATT
off (centre position), Delta tune off, VFO INT, BW 2.4kHz, USB/LSB as needed
and AGC slow.

My NSD-515 gives S9 with an unmodulated signal of 50uV PD injected into the
antenna socket at 7.100MHz using LSB (USB same), 2.4kHz BW and offset the RX
frequency for a received tone of approx 1kHz. JRC do the test differently
with a signal of 100dB (Japanese method) at 7.150MHz for a meter reading of S9 +
60dB. In terms of absolute sensitivity the NRD-515 has a performance as good
as most amateur RX with an MDS of approaching -140dBm (better than 0.1uV PD)
despite the RX having no RF preamp.

Can scan the operating section 5 of the NRD-515 Instruction Manual if you
need it which runs to 8 pages. As I mentioned to you earlier, I have a scanned
copy of the NRD-515 Service Manual that was kindly provided by an amateur in
Sweden. Pretty sure that he would not mind me sending this on to you if
needed, but is a quite large pdf file in total of 6.6Mb which could present you
with difficulties.

Regards,
Bob, G3VVT

1298. Re: [nrd-525-535] NRD-515 AGC problem

Yahoo group: nrd-525-535
Date: 2006-04-18 07:08:05 UTC
From: gandalfg8@aol.com
Topic: 1296 Message: 1298

In a message dated 18/04/2006 02:04:42 GMT Daylight Time, g3vvt@...
writes:

As I mentioned to you earlier, I have a scanned copy of the NRD-515 Service Manual that was kindly provided by an amateur in Sweden. Pretty sure that he would not mind me sending this on to you if needed, but is a quite large pdf file in total of 6.6Mb which could present you with difficulties

Hi Bob

I'd be grateful for a copy of that service manual if that's ok with you, my address on this email will accept a 16MB attachment.
I haven't acquired a 515 yet, but forever hopeful:-)

regards

Nigel
G8PZR

1299. Re: [nrd-525-535] NRD-515 AGC problem

Yahoo group: nrd-525-535
Date: 2006-04-18 09:26:39 UTC
From: Ken chattenton
Topic: 1296 Message: 1299

HI from Ken in the UK,
There's an NRD-515 on you know-were listed for the UK.
Hope this helps.....cheers and good luck, Ken, G4KIR.
----- Original Message -----
From: gandalfg8@...
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, April 18, 2006 8:08 AM
Subject: Re: [nrd-525-535] NRD-515 AGC problem

I'd be grateful for a copy of that service manual if that's ok with you, my address on this email will accept a 16MB attachment.
I haven't acquired a 515 yet, but forever hopeful:-)

regards

Nigel
G8PZR

1300. Re: [nrd-525-535] NRD-515 AGC problem

Yahoo group: nrd-525-535
Date: 2006-04-18 09:46:34 UTC
From: gandalfg8@aol.com
Topic: 1296 Message: 1300

In a message dated 18/04/2006 10:42:13 GMT Daylight Time,
K.Chattenton@... writes:

HI from Ken in the UK,
There's an NRD-515 on you know-were listed for the UK.
Hope this helps.....cheers and good luck, Ken, G4KIR.

Thanks Ken

Been keeping an eye on that one:-)

regards

Nigel
G8PZR

1301. Wanted JRC NRD 535

Yahoo group: nrd-525-535
Date: 2006-04-21 15:50:43 UTC
From: wwcmradio
Topic: 1214 Message: 1301

Hi

I'm looking for a NRD 535 or 535D Receiver to buy!
any available?

1302. Re: [nrd-525-535] Wanted JRC NRD 535

Yahoo group: nrd-525-535
Date: 2006-04-21 21:00:55 UTC
From: John Dokulil
Topic: 1214 Message: 1302

There is a 535D on e-bay for $850. 00
Fair price if it is good working order.

Ebay address for item is...
http://cgi.ebay.com/JRC-NRD-535D-RECEIVER-EXCELLENT_W0QQitemZ9716163228QQcategoryZ15051QQrdZ1QQcmdZViewItem

I own a 535Db (with almost every modification that can be
done to it) and I feel it is a better sounding DX receiver than
the 525 or the 545. I owned a 545 for a while, but sold it
because it did not sound as good as my 535Db, and I was
not thrilled with it the 545's DSP, nor did it provide any
noticeable advantage over my 535Db. But then again my
535Db is NOT a stock receiver.

Good Luck

John Dokulil
WDX6GMX

----- Original Message -----
From: "wwcmradio" <wwcmradio@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, April 21, 2006 8:50 AM
Subject: [nrd-525-535] Wanted JRC NRD 535

> Hi
>
> I'm looking for a NRD 535 or 535D Receiver to buy!
> any available?
>

1303. Re: [nrd-525-535] Wanted JRC NRD 535

Yahoo group: nrd-525-535
Date: 2006-04-21 22:01:52 UTC
From: WWCM RADIO
Topic: 1214 Message: 1303

hi John,
Thanks for your reply!
That item on ebay is not available for international shipping!

Athens,Greece here...!

Thanks
Yiannis

John Dokulil <jdokulil@...> wrote:
There is a 535D on e-bay for $850. 00
Fair price if it is good working order.

Ebay address for item is...
http://cgi.ebay.com/JRC-NRD-535D-RECEIVER-EXCELLENT_W0QQitemZ9716163228QQcategoryZ15051QQrdZ1QQcmdZViewItem

I own a 535Db (with almost every modification that can be
done to it) and I feel it is a better sounding DX receiver than
the 525 or the 545. I owned a 545 for a while, but sold it
because it did not sound as good as my 535Db, and I was
not thrilled with it the 545's DSP, nor did it provide any
noticeable advantage over my 535Db. But then again my
535Db is NOT a stock receiver.

Good Luck

John Dokulil
WDX6GMX

----- Original Message -----
From: "wwcmradio" <wwcmradio@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, April 21, 2006 8:50 AM
Subject: [nrd-525-535] Wanted JRC NRD 535

> Hi
>
> I'm looking for a NRD 535 or 535D Receiver to buy!
> any available?
>

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1304. WTB NDH-518 and NVA-515

Yahoo group: nrd-525-535
Date: 2006-04-23 04:30:15 UTC
From: Emmett
Topic: 1304 Message: 1304

I am looking to buy the NDH-518 memory unit and the NVA-515 speaker.

You can answer me off list at KZ5I@...

'73 Emmett KZ5I

1305. Preselectors

Yahoo group: nrd-525-535
Date: 2006-04-27 02:04:00 UTC
From: Jim Hackett
Topic: 1305 Message: 1305

Help! I can't decide which to try. There are many preselectors to
choose from. Even MFJ has several from which to choose:
956....looks simple. inexpensive. work well????
1040C..looks complicated. more$$. amplified
1045C..don't see much if any difference than with 1040C
1046...passive not real cheap
Then there's the 1020C ACTIVE antenna that Passport says makes a dandy
preselector if you take off the whip.

SHEESH! I don't have a clue which to try.
What I am attempting to accomplish is to weed out the 50kw blowtorch
down the street and keep out unwanted 2nd and 3rd order images out of
my beloved but cheaper single conversion valve jobs.

I feel the need to cross-post this to a few places to get multiple
opinions. YOURS would be appreciated...

1306. Re: [nrd-525-535] Preselectors

Yahoo group: nrd-525-535
Date: 2006-04-27 21:49:10 UTC
From: John Dokulil
Topic: 1305 Message: 1306

Jim:

Going back to the old valve days, hope I can still remember it all correctly.

It would have helped if you would have mentioned the manufacture and model of your Receiver. The reason, some tube receivers have built in antenna tuners which could (but usually not) conflict with certain Pre-Selectors. But I will assume that yours will not.

First. How old is your receiver and has it been checked to see if it's still with in specification. Has all the necessary capacitors been checked and the bad ones replaced. The reason is, components braking down due to age and heat can cause a lot of your problem.

Second. "to weed out the 50kw blowtorch down the street" What exactly are you pertaining to, a HAM, a Radio station or what? And what frequency (frequencies) is it transmitting on? To help with this problem your best bet is to get a filter (for your antenna input) which blocks out the frequency range your problem station is transmitting on.

Third. The ONLY reason to get an Amplified Pre-Selector would be if your receiver has a weak front end (RF Section) and the signal amplification would help in your receivers signal processing. But be aware that to much amplified signal in older receivers will cause signal distortion, and true the signal is now louder, but will also be distorted and harder to understand. Plus there is an inherent noise factor added to almost all inexpensive Amplified Antennas and Pre-Selectors, which will add to the noise in your receiver.

Forth. Any double tuner Pre-Selector should work reasonably well, but I found most wanting. It has been some 20 years since I had the need for a Pre-Selector, my NRD 535Db has some 30 pre-tuned bands making a Pre-Selector un-necessary. So all the Pre-Selectors mentioned in your letter are unknown to me, but when I was using one with my Hallicrafters SX-100 tube Receiver , the ONLY Pre-Selector I found to really work is the PR-150 Pre-Selector made by Lowe LTD in England, and I believe it was around $150.00.

I suggest looking on ebay and get a cheaper used double tunable passive pre-selector and give it a try to see if it helps, and that would determine if an upgrade is applicable. It is vary possible that a Pre-Selector is not what you need, but a frequency filter or a receiver tune-up is in order.

Sorry I could not have been of more help!

John Dokulil
WDX6GMX

1307. Re: Preselectors

Yahoo group: nrd-525-535
Date: 2006-04-28 00:13:21 UTC
From: Jim Hackett
Topic: 1305 Message: 1307

Well John, I don't have "AN" old tube radio. I have literally, hundreds of different radios. Many old tube types. Nationals, Halli's, some older solid state types (SX-190). Way too many to list. All the Wadley loop type radios have preselectors which help immensly. Most of my old radios are "untouched" but seem to work fine. Some have been rebuilt. I probably shouldn't have even mentioned the blowtorch as an issue since I'm at work during the day when it takes over the bands.

In the evening, as you probably know, they cut the power back to a manageable level (around 5kw, I believe). I am more interested in keeping images and other stray signals out of the front end of some of my less capable receivers. I have some nice ones that don't have these issues. Like my 525 or R75. My widebands are pretty bad. Like the PCR1000 or R100 or any other dc-daylight radios.

I do appreciate your comments and they ARE helpful. I have learned a lot from what everyone's been telling me. Thanks

--- In nrd-525-535@yahoogroups.com, "John Dokulil" <jdokulil@...> wrote:
>
> Jim:
>
> Going back to the old valve days, hope I can still remember it all correctly.
>
> It would have helped if you would have mentioned the manufacture and model of your
> Receiver. The reason, some tube receivers have built in antenna tuners which could
> (but usually not) conflict with certain Pre-Selectors. But I will assume that yours
> will not.
>
> First. How old is your receiver and has it been checked to see if it's still with in
> specification. Has all the necessary capacitors been checked and the bad ones
> replaced. The reason is, components braking down due to age and heat can cause a lot
> of your problem.
>
> Second. "to weed out the 50kw blowtorch down the street" What exactly are you
> pertaining to, a HAM, a Radio station or what? And what frequency

(frequencies) is it
> transmitting on? To help with this problem your best bet is to
get a filter (for your
> antenna input) which blocks out the frequency range your problem
station is
> transmitting on.
>
> Third. The ONLY reason to get an Amplified Pre-Selector would be
if your receiver has
> a weak front end (RF Section) and the signal amplification would
help in your
> receivers signal processing. But be aware that to much amplified
signal in older
> receivers will cause signal distortion, and true the signal is now
louder, but will
> also be distorted and harder to understand. Plus there is an
inherent noise factor
> added to almost all inexpensive Amplified Antennas and Pre-
Selectors, which will add
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>
> Forth. Any double tuner Pre-Selector should work reasonably well,
but I found most
> wanting. It has been some 20 years since I had the need for a Pre-
Selector, my NRD
> 535Db has some 30 pre-tuned bands making a Pre-Selector un-
necessary. So all the
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I was using one
> with my Hallicrafters SX-100 tube Receiver , the ONLY Pre-Selector
I found to really
> work is the PR-150 Pre-Selector made by Lowe LTD in England, and I
believe it was
> around $150.00.
>
> I suggest looking on ebay and get a cheaper used double tunable
passive pre-selector
> and give it a try to see if it helps, and that would determine if
an upgrade is
> applicable. It is vary possible that a Pre-Selector is not what
you need, but a
> frequency filter or a receiver tune-up is in order.
>
> Sorry I could not have been of more help!
>
> John Dokulil
> WDX6GMX
>

1308. Wanted JRC NRD 535

Yahoo group: nrd-525-535
Date: 2006-05-06 15:37:47 UTC
From: wwcmradio
Topic: 1214 Message: 1308

Greetings from Greece,

I am looking to purchase an NRD 535 Receiver.is any available?

Thanks

Yiannis

Athens,Greece

1309. FS: NRD-525

Yahoo group: nrd-525-535
Date: 2006-05-09 13:14:45 UTC
From: John McColman
Topic: 441 Message: 1309

I am selling my 525 and before I put it on eBay, I thought I would offer it here. Works great. Has some scuff/wear marks on the top of the cabinet. I can send photos. I have the RS-232 kit but it is not installed. Box (not original to the radio, but it is a 525 box). Asking $450 plus shipping.

I am not the original owner. I will double box when I ship or you can arrange to pick up in the Richmond, VA, USA area (I'm willing to meet you...ask). Payment by USPS money order only. Will consider PayPal to a confirmed address. Email me for details.

John McColman
n4rvr@...

1311. NRD-515 TUNING KNOB BACKLASH / BINDING

Yahoo group: nrd-525-535
Date: 2006-05-16 09:58:50 UTC
From: Emmett
Topic: 1311 Message: 1311

Is there a remedy or modification to fix the backlash / binding on the
NRD-515 tuning knob ?

'73 Emmett KZ5I

1312. Re: [nrd-525-535] NRD-515 TUNING KNOB BACKLASH / BINDING

Yahoo group: nrd-525-535
Date: 2006-05-16 12:23:03 UTC
From: g3vvt@aol.com
Topic: 1311 Message: 1312

In a message dated 16/05/06 10:59:41 GMT Daylight Time, bear_77586@...
writes:

Is there a remedy or modification to fix the backlash / binding on the
NRD-515 tuning knob ?

'73 Emmett KZ5I

Hi Emmett,

Assuming your VFO knob is not rubbing on the front panel, I have been given
a remedy for fixing the binding of the NRD-515 tuning knob by a Dutch amateur
Walter, PE1ABR who has much experience in this work. Involves dismantling
the VFO optical interrupter unit on the front panel to get at the roller
bearings on the VFO shaft. In extreme cases can involve replacing the bearings to
effect a cure. I have tried getting oil down the VFO shaft from the front and
from inside the VFO optical interrupter with hardly any effect on the
problem. Please contact me direct and will arrange to pass on what info I have on
the subject.

Regards,
Bob, G3VVT
JRC NRD-515/NSD-515, JST-135

1313. KeyPad to enter freqs

Yahoo group: nrd-525-535
Date: 2006-05-20 18:06:15 UTC
From: ka4prf@peoplepc.com
Topic: 1313 Message: 1313

[NRD-545] List of User SetupsHi all,

I am writing this info to those who are using my remote control program for the NRD545.

I recently purchased a notebook computer to use with my NRD545 and the NRD545 Remote control program from Orchid City Software. I felt that my desktop computer might be radiating interference. Unfortunately, the notebook I bought doesn't have a number keypad such as those with normal computer keyboards. So I was on the lookout for an addition for my notebook that would eliminate this drawback.

While at Wal Mart today, I noticed a neat little number keypad for notebooks that I purchased and hooked up today. It works great! Besides adding a number keypad to my notebook, it has a long enough lead/cable that allows me to bring it closer to my hand where it's easier to punch in frequecies on the NRD545 Remote program. As you know, the Remote Program allows the operator to punch in frequencies from his computer using the number keypad rather than the keypad on the receiver. Since the portable keypad uses USB, it should be compatible with a desktop computer too?

The brand name of the keypad is: Mi Micro Innovations, Numeric Plus Keypad. It cost me $12.98 which is pretty reasonable. As mentioned above, I purchased it at Wal Mart.

Have Fun

Chuck
ka4prf@...
http://www.orchidcitysoftware.com/IMAGE19.HTML

1314. Selling my 535D & Speaker

Yahoo group: nrd-525-535
Date: 2006-05-24 18:35:05 UTC
From: harle83
Topic: 1314 Message: 1314

If anyone is interested, I am selling my 535D and NVA-319 Speaker.
Both in very good conditon. Nothings perfect. The Z in Mhz is rubbed
off at the bottom and the > arrow has a small marker line through it.
That's it, that's why I say very good. Works perfectly no scratches,
ding or dents. Asking 875.00 plus 50.00 for packing and shipping by
UPS Store with insurance. You know how heavy these are!

For pictures contact me off list at harle83@comcast.net
Lower 48 only, payment by paypal.
Harry K9HDT

Will entertain a best offer.....

1315. Re: Preselectors

Yahoo group: nrd-525-535
Date: 2006-05-26 17:04:22 UTC
From: dxnature
Topic: 1305 Message: 1315

--- In nrd-525-535@yahoogroups.com, "Jim Hackett" <jim_hack@...> wrote:
>
> Help! I can't decide which to try. There are many preselectors to
> choose from. Even MFJ has several from which to choose:
> 956....looks simple. inexpensive. work well????
> 1040C..looks complicated. more$$. amplified
> 1045C..don't see much if any difference than with 1040C
> 1046...passive not real cheap
> Then there's the 1020C ACTIVE antenna that Passport says makes a dandy
> preselector if you take off the whip.
>
> SHEESH! I don't have a clue which to try.
> What I am attempting to accomplish is to weed out the 50kw blowtorch
> down the street and keep out unwanted 2nd and 3rd order images out of
> my beloved but cheaper single conversion valve jobs.
>
> I feel the need to cross-post this to a few places to get multiple
> opinions. YOURS would be appreciated...
>

Hi Jim,

I use a Racal MA 197B preselector to my satisfaction. Have used a Lowe
PR-150 but results where moderate. Seems RF Systems from Holland did
produce a preselector that had a exelent quality I think it was the PR-2.

Good dx,
Ron Liekens

1316. 535 serial connection problem

Yahoo group: nrd-525-535
Date: 2006-05-26 17:10:18 UTC
From: dxnature
Topic: 1316 Message: 1316

Hi All,

I recently got myself a NRD-535 receiver but cannot get the RX-Plus control program working. RX-Wings2 works ok tough so the hardware must be working good. Any tips on nice working software or compatible programs are most welcome.

Many thanks,

Ron Liekens
ON3RON, DXA64

1317. NRD-515

Yahoo group: nrd-525-535
Date: 2006-05-30 22:48:20 UTC
From: Mike Maghakian
Topic: 1317 Message: 1317

is anyone aware of a group or site devoted to the 515 ? this receiver surely deserves something !

also is anyone aware of how I can get or make the coupler to allow the memory unit and controller to be used at the same time on my 515 ?

thanks

1318. CFL-251 filter for sale

Yahoo group: nrd-525-535
Date: 2006-05-30 22:51:42 UTC
From: Mike Maghakian
Topic: 1318 Message: 1318

I have a CFL-251 2.4 filter to sell or trade. pulled from an NRD-345

1319. Unlock PLL NRD535

Yahoo group: nrd-525-535
Date: 2006-06-16 20:34:37 UTC
From: Adriaan Aarts
Topic: 1319 Message: 1319

Did somebody have problems with unlocking the PLL (orange led on PLL-board) due to bad connections?
I can not solve where the problem is located, now I can handle it by fitting some cardboard between 2 cards and make some pressure to maintain a good connection.
I have examined the card but I can't find anything.

Maybe you have any experience with this, and you have a solution, please let me know.

Best regards, Adriaan Aarts, PE1KEL.

1320. Re: [nrd-525-535] Unlock PLL NRD535

Yahoo group: nrd-525-535
Date: 2006-06-17 13:37:26 UTC
From: Bill Cotter
Topic: 1319 Message: 1320

Adriaan,

It sounds like you may have a cold solder joint on one or more of
the card or motherboard pins. The simplest means of working through
this problem is to take a low wattage soldering iron (25-30W) and
heating each joint on the connectors. It would be helpful tp place
a small film of flux on each joint before applying heat.

If this does not correct the problem, look for a broken trace of
cold solder joint up higher on the board.

73 es gl bill n4alg

At 04:34 PM 6/16/2006, you wrote:
>Did somebody have problems with unlocking the PLL (orange led on PLL-
>board) due to bad connections?
>I can not solve where the problem is located, now I can handle it by
>fitting some cardboard between 2 cards and make some pressure to
>maintain a good connection.
>I have examined the card but I can't find anything.
>
>Maybe you have any experience with this, and you have a solution,
>please let me know.
>
>Best regards, Adriaan Aarts, PE1KEL.
>
>
>
>
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>
>
>
>------------------------ Yahoo! Groups Sponsor
>----------------------~-->
>See what's inside the new Yahoo! Groups email.
>http://us.click.yahoo.com/2pRQfA/bOaOAA/yQLSAA/ELTolB/TM
>---~->
>
>
>
>Yahoo! Groups Links
>
>
>
>

Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

1321. Thinking about selling my NRD-525

Yahoo group: nrd-525-535
Date: 2006-06-19 15:04:01 UTC
From: MD Calvert
Topic: 1319 Message: 1321

I have a NRD-525 that is very nearly "as-new" in the original box with all papers. I bought it from a friend who bought it from the old EEB in Vienna, Virginia at the start of Desert Shield. His son was sent over and I had told him I was able to hear Radio Kol and other mid east stations with English news broadcasts about the fighting. He used it for about six months and then packed it away when his son came home. He is the kind of guy who buys white cotton gloves and wears them when he handles his most important toys. He never used the radio without his gloves being on. His wife made a dust cover for it and when it was not in use, it was covered.

I have other radios I have used to listen to SWB and I've only unpacked the 525 one time to check it out and then it was immediately repacked and stored dry and in a temp controlled area.

I am checking with this group to see if,

1. What the group thinks is a valid market price for an unmodified NRD-525 that is literally (almost) "untouched by human hands?"

2. Is anyone interested in making an offer?

I looked at E-bay and saw a range of prices, mostly well upwards of $400. Most of those radios had a ding or a scratch. Some went for more that $600. This one is absolutely pristine.

I recognize the radio is an outstanding radio and I would simply set it up and use it if I didn't have other radios already in use. I also tend to like the older, analog radios, ie., Hammarlund HQ-140, Yaesu FRG-7, etc. Of course, one of my favorites is the Ten-Tec Rx320D digital radio with my notebook PC.

Thanks for any feedback.

MDCalvert
Oak Ridge, TN

1322. nrd-525-535-unsubscribe@yahoogroups.com

Yahoo group: nrd-525-535
Date: 2006-06-21 16:29:42 UTC
From: ptapon217
Topic: 1322 Message: 1322

[Body unavailable in the source archive]

1323. FT: NRD-515

Yahoo group: nrd-525-535
Date: 2006-06-23 02:20:38 UTC
From: Mike Maghakian
Topic: 1323 Message: 1323

I have two 515's and am wanting to trade one. It looks nice and works great. Has no options installed. has copy of the user manual.
I also have directions and a PC layout for a small circuit that will make the audio nice on the 515. this is from a very smart person in the Netherlands who has a 515 web site.
email me with your trade offers.

1324. nrd-525-535-unsubscribe@yahoogroups.com

Yahoo group: nrd-525-535
Date: 2006-07-16 09:14:33 UTC
From: ptapon217
Topic: 1322 Message: 1324

nrd-525-535-unsubscribe@yahoogroups.com

1325. FA NRD-525 455 Tap, IF board reworked by Sherwood.

Yahoo group: nrd-525-535
Date: 2006-07-24 03:30:59 UTC
From: dxrrrrr
Topic: 1325 Message: 1325

For Auction, a very clean 525 with 455 IF tap for sherwood SE 3.
Original Box, manual, packaging, accessory pack and receipt from
Gilfer shortwave. The IF filter board has been reworked by Sherwood
engineering. Overall perfomance is very good, the radio looks like new
and is a high serial #.

I hate to sell it and doubt I'll find one this clean again,
however my collection is getting out of control.

Ebay auction:
http://tinyurl.com/n5apm

73
Dom

1326. Re: [nrd-525-535] FA NRD-525 455 Tap, IF board reworked by Sherwood.

Yahoo group: nrd-525-535
Date: 2006-07-24 10:05:07 UTC
From: swl@shortwavehunter.com
Topic: 1325 Message: 1326

Oh.... ships only to USA, so not for us here in the UK.

grtz.

Hans

----- Original Message ----
From: dxrrrrr <dxrrrrr@...>
To: nrd-525-535@yahoogroups.com
Sent: Monday, July 24, 2006 4:30:59 AM
Subject: [nrd-525-535] FA NRD-525 455 Tap, IF board reworked by Sherwood.

For Auction, a very clean 525 with 455 IF tap for sherwood SE 3.
Original Box, manual, packaging, accessory pack and receipt from
Gilfer shortwave. The IF filter board has been reworked by Sherwood
engineering. Overall perfomance is very good, the radio looks like new
and is a high serial #.

I hate to sell it and doubt I'll find one this clean again,
however my collection is getting out of control.

Ebay auction:
http://tinyurl. com/n5apm

73
Dom

1327. FA CFL-213 300Hz CW Filter

Yahoo group: nrd-525-535
Date: 2006-08-01 03:16:49 UTC
From: dxrrrrr
Topic: 1327 Message: 1327

For Auction one used CFL-213 filter in excellent condition.
applicable to: NRD-525 NRD-535
http://tinyurl.com/zcuuj

73
Dom

1328. FA CFL-233 1Khz Data Filter in original box

Yahoo group: nrd-525-535
Date: 2006-08-02 02:07:26 UTC
From: dxrrrrr
Topic: 1328 Message: 1328

Hello group, For Auction one CFL-233 1Khz Data Filter in original box
used in excellent condition. Application NRD525 & 535

http://tinyurl.com/jjke5

73
Dom

1329. Arrester Diodes CD1 to CD4 replacing

Yahoo group: nrd-525-535
Date: 2006-08-16 08:56:08 UTC
From: jmgirard2001
Topic: 1329 Message: 1329

A discussed mod's on this group for NRD-525 is for replacing arrester diodes CD1 to CD4 on the HF-card CFL-205 with 1 mH RF-chokes, coupled in parallell with a neon bulb.

Did someone proceed to this mod and can help me to perform it on my 525 reiceiver :

Is it necesary to replace CD1, CD2, CD3 and CD4 each with 1 mH choke or CD1 and CD2 with one 1 mH choke and CD3 and CD4 with an other 1 mH choke ?
Which type of neon bulb to use and how to solder them in paralel with chokes (a neon bulb for each choke)?

I put the original diagram of arrester diode in file section.

Best regards
Jean

1330. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2006-08-16 08:57:26 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 1330

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Arrester diodes replacement.jpg
Uploaded by : jmgirard2001 <jmgirard2001@...>
Description : NRD-525 Arrester diode replacement

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Arrester%20diodes%20replacement.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

jmgirard2001 <jmgirard2001@...>

1331. Re: Arrester Diodes CD1 to CD4 replacing

Yahoo group: nrd-525-535
Date: 2006-08-24 09:16:53 UTC
From: ringmodulator99
Topic: 1329 Message: 1331

Hi Jean,

one Choke from the antenna line to ground is neccesary and one
neonbulb in parallel.

The choce gives a DC path to ground, so static on the antenne should
be reduced. The neonbulb gets conductive on very high voltages, so it
can terminate voltage spikes.

The 535 has a 470 mH choke with 470 Ohm in series to ground.

Good luck
Chris

--- In nrd-525-535@yahoogroups.com, "jmgirard2001" <jmgirard2001@...>
wrote:
>
> A discussed mod's on this group for NRD-525 is for replacing arrester
> diodes CD1 to CD4 on the HF-card CFL-205 with 1 mH RF-chokes, coupled
> in parallell with a neon bulb.
>
> Did someone proceed to this mod and can help me to perform it on my 525
> reiceiver :
>
> Is it necesary to replace CD1, CD2, CD3 and CD4 each with 1 mH choke or
> CD1 and CD2 with one 1 mH choke and CD3 and CD4 with an other 1 mH
> choke ?
> Which type of neon bulb to use and how to solder them in paralel with
> chokes (a neon bulb for each choke)?
>
> I put the original diagram of arrester diode in file section.
>
> Best regards
> Jean
>

1332. Crystal filter YF455EBF?

Yahoo group: nrd-525-535
Date: 2006-08-24 11:46:26 UTC
From: Ari Kilponen
Topic: 1332 Message: 1332

Hi guys,

got recently a crystal filter YF455EBF (1,8 kHz - 6 dB): is it exactly the same filter as JRC CFL-218A? I didn't find any exact information regarding these filters.

Btw, this used filter is for sale - I have no use for it.

1333. Re: Crystal filter YF455EBF?

Yahoo group: nrd-525-535
Date: 2006-08-24 15:11:56 UTC
From: christophe525
Topic: 1332 Message: 1333

Yes, YF455EBF and CFL-218A are the same filters.
(CF-218A is the JRC designation).
See => http://perso.orange.fr/geip/filtres.htm

Best resgards,
Christophe525
http://perso.orange.fr/geip/NRD525En.htm
QRV@...

--- In nrd-525-535@yahoogroups.com, "Ari Kilponen" <ari.kilponen@...>
wrote:
>
> Hi guys,
>
> got recently a crystal filter YF455EBF (1,8 kHz - 6 dB): is it
exactly
> the same filter as JRC CFL-218A? I didn't find any exact
information
> regarding these filters.
>
> Btw, this used filter is for sale - I have no use for it.
>

1334. Re: Crystal filter YF455EBF?

Yahoo group: nrd-525-535
Date: 2006-08-24 15:10:58 UTC
From: christophe525
Topic: 1332 Message: 1334

Yes, YF455EBF and CFL-218A are the same filters.
(CF-218A is the JRC designation).
See => http://perso.orange.fr/geip/filtres.htm

Best resgards,
Christophe525
http://perso.orange.fr/geip/NRD525En.htm
QRV@...

--- In nrd-525-535@yahoogroups.com, "Ari Kilponen" <ari.kilponen@...>
wrote:
>
> Hi guys,
>
> got recently a crystal filter YF455EBF (1,8 kHz - 6 dB): is it
exactly
> the same filter as JRC CFL-218A? I didn't find any exact
information
> regarding these filters.
>
> Btw, this used filter is for sale - I have no use for it.
>

1335. Re: Crystal filter YF455EBF

Yahoo group: nrd-525-535
Date: 2006-09-01 09:32:37 UTC
From: Ari Kilponen
Topic: 1332 Message: 1335

This filter is in German eBay's auction. You can find it e.g. by
searching it with item no. 160023994707.

--- In nrd-525-535@yahoogroups.com, "Ari Kilponen" <ari.kilponen@...>
wrote:
>
> Hi guys,
>
> got recently a crystal filter YF455EBF (1,8 kHz - 6 dB): is it
exactly
> the same filter as JRC CFL-218A? I didn't find any exact information
> regarding these filters.
>
> Btw, this used filter is for sale - I have no use for it.
>

1336. 515 Alignment help

Yahoo group: nrd-525-535
Date: 2006-09-04 00:26:19 UTC
From: bobbetts06
Topic: 1336 Message: 1336

Hi Everyone:
Sorry if this is off topic for the group, but I wanted to ask if anyone has the alignment procedure for the 515 in some kind of e-mail(able) format.
I ordered the Service Manual from Universal, but they just informed me that there is about a 10-week back order. Geeesch.
Anyhow, it's working, and I guess I can begin the mods, but a good alignment would make me and the radio happier.
Thank you,
Bob

1337. nrd-525-535-unsubscribe@yahoogroups.com

Yahoo group: nrd-525-535
Date: 2006-09-07 20:36:32 UTC
From: ptapon217
Topic: 1322 Message: 1337

[Body unavailable in the source archive]

1338. The New Arrival

Yahoo group: nrd-525-535
Date: 2006-09-12 15:04:27 UTC
From: DWP
Topic: 1338 Message: 1338

Hello all,

So after a year of scrimping and saving, hemming and hawing, I finally took the plunge and bought a 535D. It arrived yesterday. I have been lurking here for several months, and now have a few questions (more to follow, no doubt...)

1) As I understand it, the difference between a 535D and a 535Db is that, with the Db the variable bandwidth works in AM mode, which is not true of the 535D. Are there any other differences? When was the switch? My radio is serial # 58157; can I tell from this which version it is? (Of course, once I've got the variable BWC figured out, I'll be able to tell. But one function at a time I figure. The learning curve on this is a bit steeper than I expected, but then, it'a more sophisticated radio than I've ever owned.)

2) Is there a user's manual available specifically for the 535D? The one that came with the radio is labeled for the 535, although it does cover ECSS and the variable BW. However, the English is awful! Mostly understandable, but if I could find a better one, it would be good. The Passport White Paper states that JRC improved the manual with the 535D.

3) Any sources for hints on using the radio? Not just how to use features, but when and why. Icom R75 users have Phil's Cookbook to use; anything similar with the 535? I figure I'll go thru the archives of this group again, for info, and ask specific questions as they arise.

I should mention that I primarily listen to international broadcasts, and got the 535D to start digging out the harder-to-hear signals (also, it's such a gorgeous radio, who could resist?) I have a random wire antenna, about 60ft long, and a loop antenna, both strung in the attic. (My asthetics director will not allow an outside antenna. For now.) Any advice would be great.

Thanks for your indulgence of a grown-up kid with a new toy.

DWP

How low will we go? Check out Yahoo! Messenger?s low PC-to-Phone call rates.

1339. Re: [nrd-525-535] The New Arrival

Yahoo group: nrd-525-535
Date: 2006-09-13 03:03:03 UTC
From: Brian Denley
Topic: 1338 Message: 1339

DWP:

Congratualtions, you bought a very fine receiver.

1) My 535 is serial number: BR68942 and it is a definite 535Db. In AM mode, with the wide filter selected, turn the BWC dial to the right and see if the red BWC lights up in the display.

2) There is only one user manual and it is simply labeled NRD-535

3) This group is your best source - ask any question you can think of!!! We were all new at one time.

BTW the NRD-535 is an awesome utilities receiver if your interest expands. What are you using for a speaker?

Brian Denley
Melrose MA
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "DWP" <celticdude_2000@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, September 12, 2006 11:04 AM
Subject: [nrd-525-535] The New Arrival

> Hello all,
>
> So after a year of scrimping and saving, hemming and hawing, I finally
> took the plunge and bought a 535D. It arrived yesterday. I have been
> lurking here for several months, and now have a few questions (more to
> follow, no doubt...)
>
> 1) As I understand it, the difference between a 535D and a 535Db is that,
> with the Db the variable bandwidth works in AM mode, which is not true of
> the 535D. Are there any other differences? When was the switch? My
> radio is serial # 58157; can I tell from this which version it is? (Of
> course, once I've got the variable BWC figured out, I'll be able to tell.
> But one function at a time I figure. The learning curve on this is a bit
> steeper than I expected, but then, it'a more sophisticated radio than I've
> ever owned.)
>
> 2) Is there a user's manual available specifically for the 535D? The one
> that came with the radio is labeled for the 535, although it does cover
> ECSS and the variable BW. However, the English is awful! Mostly
> understandable, but if I could find a better one, it would be good. The
> Passport White Paper states that JRC improved the manual with the 535D.

>
> 3) Any sources for hints on using the radio? Not just how to use
> features, but when and why. Icom R75 users have Phil's Cookbook to use;
> anything similar with the 535? I figure I'll go thru the archives of this
> group again, for info, and ask specific questions as they arise.
>
> I should mention that I primarily listen to international broadcasts, and
> got the 535D to start digging out the harder-to-hear signals (also, it's
> such a gorgeous radio, who could resist?) I have a random wire antenna,
> about 60ft long, and a loop antenna, both strung in the attic. (My
> asthetics director will not allow an outside antenna. For now.) Any
> advice would be great.
>
> Thanks for your indulgence of a grown-up kid with a new toy.
>
> DWP
>
>
>
> ---
> How low will we go? Check out Yahoo! Messenger's low PC-to-Phone call
> rates.

1340. Re: [nrd-525-535] The New Arrival

Yahoo group: nrd-525-535
Date: 2006-09-13 03:50:49 UTC
From: W. Curt Deegan
Topic: 1338 Message: 1340

My NRD-535D is serial #BR57835. It has the enhanced BWC, which makes it a 535Db, though I never knew it when I bought it.

Since your serial number is higher, I would suspect you also have a 535Db.

The manual came with an addendum which corrects the description of BWC to take into account its added functionality, along with other changes and corrections.

Curt

W. Curt Deegan
Boca Raton, (southeast) Florida

At 11:03 PM 9/12/2006, you wrote:
>DWP:
>
>Congratualtions, you bought a very fine receiver.
>
>1) My 535 is serial number: BR68942 and it is a definite 535Db. In AM
>mode, with the wide filter selected, turn the BWC dial to the right and see
>if the red BWC lights up in the display.
>
>2) There is only one user manual and it is simply labeled NRD-535
>
>3) This group is your best source - ask any question you can think of!!!
>We were all new at one time.
>
>BTW the NRD-535 is an awesome utilities receiver if your interest expands.
>What are you using for a speaker?
>
>Brian Denley
>Melrose MA
>http://home.comcast.net/~b.denley/index.html
>
>
>----- Original Message -----
>From: "DWP" <celticdude_2000@...>
>To: <nrd-525-535@yahoogroups.com>
>Sent: Tuesday, September 12, 2006 11:04 AM
>Subject: [nrd-525-535] The New Arrival
>
>
> > Hello all,
> >
> > So after a year of scrimping and saving, hemming and hawing, I finally

> > took the plunge and bought a 535D. It arrived yesterday. I have been
> > lurking here for several months, and now have a few questions (more to
> > follow, no doubt...)
> >
> > 1) As I understand it, the difference between a 535D and a 535Db is that,
> > with the Db the variable bandwidth works in AM mode, which is not true of
> > the 535D. Are there any other differences? When was the switch? My
> > radio is serial # 58157; can I tell from this which version it is? (Of
> > course, once I've got the variable BWC figured out, I'll be able to tell.
> > But one function at a time I figure. The learning curve on this is a bit
> > steeper than I expected, but then, it'a more sophisticated radio than I've
> > ever owned.)
> >
> > 2) Is there a user's manual available specifically for the 535D? The one
> > that came with the radio is labeled for the 535, although it does cover
> > ECSS and the variable BW. However, the English is awful! Mostly
> > understandable, but if I could find a better one, it would be good. The
> > Passport White Paper states that JRC improved the manual with the 535D.
> >
> > 3) Any sources for hints on using the radio? Not just how to use
> > features, but when and why. Icom R75 users have Phil's Cookbook to use;
> > anything similar with the 535? I figure I'll go thru the archives of this
> > group again, for info, and ask specific questions as they arise.
> >
> > I should mention that I primarily listen to international broadcasts, and
> > got the 535D to start digging out the harder-to-hear signals (also, it's
> > such a gorgeous radio, who could resist?) I have a random wire antenna,
> > about 60ft long, and a loop antenna, both strung in the attic. (My
> > asthetics director will not allow an outside antenna. For now.) Any
> > advice would be great.
> >
> > Thanks for your indulgence of a grown-up kid with a new toy.
> >
> > DWP
> >
> >
> >
> > ---
> > How low will we go? Check out Yahoo! Messenger's low PC-to-Phone call
> > rates.
>

1341. Re: [nrd-525-535] The New Arrival

Yahoo group: nrd-525-535
Date: 2006-09-13 09:18:27 UTC
From: gandalfg8@aol.com
Topic: 1338 Message: 1341

In a message dated 12/09/2006 16:20:24 GMT Daylight Time,
celticdude_2000@... writes:

As I understand it, the difference between a 535D and a 535Db is that, with the Db the variable bandwidth works in AM mode, which is not true of the 535D. Are there any other differences? When was the switch? My radio is serial # 58157; can I tell from this which version it is? (Of course, once I've got the variable BWC figured out, I'll be able to tell. But one function at a time I figure. The learning curve on this is a bit steeper than I expected, but then, it'a more sophisticated radio than I've ever owned.)

The chances are very good that you will have a 535Db in that most, if not all, 535s are probably "b" versions anyway.

Calling "later" sets 535Db may have been a marketing invention, as Universal radio lists their 535D as a 535Db, and perhaps only for the USA market.
After extensive enquiries, worried that I might be missing something, I could find no eveidence that JRC ever manufactured a "b" version as such and no reference to such a version here in the UK.

What did happen, as you suggest, and this was relatively early on in the production run, was that the CFL243 bandwidth control card became the CFL243W which allowed use also in the wider, AM, bandwidth filter settings.
The major change was in the plugin card but the set itself may be slightly different, perhaps switch wiring, which is presumably why someone decided to call it a "b".
My non "D" version 535 came with a warning that the CFL243W was the required version of the bandwidth controller if I chose to upgrade it which is why I assume there may have been a very minor change to the set itself.
There is no other difference that I am aware of, and I think it's highly probable that all sets fitted with, or needing, the CFL 243W, are the so called "b" versions.
I would be interested to hear of any other proven differences, or if anyone has a set actually marked as a "b" on the JRC label.

I don't know exactly when the change took place but certainly before I bought mine new, no later than mid 1993, as the service manual at that time already showed both original and wide CFL243 versions.
As the 535D wasn't generally marketed in the UK I had to order the extra cards separately and I'm pretty sure the CFL243W was already the only version available so I'm suspecting there were very few of the earlier sets made which implies that the majority of 535s are goint to be the "b" version.

Therefore, it's going to be extremely unlikely that your bandwidth controller doesn't work in the AM mode but easy enough to check.....
just try it and see:-)

A more significant difference might be the software version.
Although this is unlikely to matter very much unless you want to run the set under computer control it will give an indication of how late your set is.
The computer interface on the 535 doesn't have proper flow control and can be a bit flakey. Later versions don't do anything about the handshaking but have sough to correct bugs.
My set came fitted with version "E", which I upgraded to "F" shortly after the purchase with UK dealer supplied EPROMs.
As far as I know the final official version was "H" and I remember some later control software offering options that would only operate if version "H" Eproms were fitted but can't remember now what those options were, perhaps someone else will know.
Swapping Eproms is not for the faint hearted, there are two and one lurks behind the front panel, so not to be recommended if you don't need to.
I'm not aware of any software differences that affect operation of the set in manual mode but, again, others with more experience may know better.

I've just gone looking online, hoping for a reminder of how to show the firmware version, which I couldn't find so will have to leave that for someone else again, but did find the link below that I've not seen before which shows your set is definitely a "b", from serial number, and also seems to settle the "b" suffix issue once and for all.

http://www.lannuier.com/ww2pt/page.cfm?content=nrd535
(http://www.lannuier.com/ww2pt/page.cfm?content=nrd535)

Shame I didn't find it earlier, could have saved myself a load of waffle:-)

This second link gives reference to some options that may not be in the user manual, can't remember right now as mine's in storage, so thought it might be useful.

http://www.ticon.net/~n9ewo/nrdcharts.html
(http://www.ticon.net/~n9ewo/nrdcharts.html)

regards

Nigel
GM8PZR

1342. Re: [nrd-525-535] The New Arrival

Yahoo group: nrd-525-535
Date: 2006-09-13 19:50:07 UTC
From: John Dokulil
Topic: 1338 Message: 1342

Concerning the designation of NRD 535Db.

What I recall about what was told to me by JRC's New
York Office in the mid 90's is as follows...

The 535Db was the Final Produced Version of the 535D.
Which is to say that no other fixes or engineering
changes were planed. The NRD-535Db included the
improved CFL-243, CMF-78 and CFL-233 circuit boards
along with an improved 6Khz filter that were all factory
installed.

No official name change was given to the receiver by
JRC due to the fact that recasting the front panel of the
receiver just to change the name for the last production
run was deemed to costly. Also, JRC wanted the focus
of the company to be on the new upcoming 545, rather
than creating a new version of the soon to be ended 535.
Never the less, JRC and many dealers (Universal
Radio for one) referred to this last production version
as the NRD-535Db so to distinguish this unit from the
earlier 535 and 535D, but the title was never officially
printed on the receiver or it's paperwork due to the
above stated reasions.

The noticeable improvements included an improved
6Khz filter, a different variable bandwidth filter which now
worked in all modes (AM included), and the ECSS had a
slightly better locking ability with a slightly wider tuning
range before the lock was broken.

As for the other circuitry upgrades and improvements
I can not say because I have no real data showing this.

J Dokulil
WDX6GMX

----- Original Message -----
From: gandalfg8@...
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, September 13, 2006 2:18 AM
Subject: Re: [nrd-525-535] The New Arrival

In a message dated 12/09/2006 16:20:24 GMT Daylight Time, celticdude_2000@yahoo.com
writes:

As I understand it, the difference between a 535D and a 535Db is that, with the Db the variable bandwidth works in AM mode, which is not true of the 535D. Are there any other differences? When was the switch? My radio is serial # 58157; can I tell from this which version it is? (Of course, once I've got the variable BWC figured out, I'll be able to tell. But one function at a time I figure. The learning curve on this is a bit steeper than I expected, but then, it'a more sophisticated radio than I've ever owned.)
Recent Activity
a.. 3New Members
Visit Your Group
SPONSORED LINKS
a.. Craft hobby
b.. Hobby and craft supply
c.. Ham radio
Y! GeoCities
Share Interests

Connect with

others on the web.

Y! Toolbar
Get it Free!

easy 1-click access

to your groups.

Yahoo! Groups
Start a group

in 3 easy steps.

Connect with others.
.

1343. Re: [nrd-525-535] The New Arrival

Yahoo group: nrd-525-535
Date: 2006-09-13 20:53:01 UTC
From: gandalfg8@aol.com
Topic: 1338 Message: 1343

In a message dated 13/09/2006 21:28:16 GMT Daylight Time,
jdokulil@usamedia.tv writes:

The 535Db was the Final Produced Version of the 535D.
Which is to say that no other fixes or engineering
changes were planed. The NRD-535Db included the
improved CFL-243, CMF-78 and CFL-233 circuit boards
along with an improved 6Khz filter that were all factory
installed.

As per the link I posted earlier, copied below is what Paul Lannuier had to
say about the 535Db and I thinks it's fair to assume his is the definitive
answer, especially as he was sales manager at the new York office:-)
I don't know what it is about this myth that perpetuates it but it seems to
cause an awful lot of confusion. I've never seen reference to the 535b
outside the US, perhaps not surprising as it doesn't exist:-), and still think it's
just left over marketing hype. These mods were certainly in place by 1993
so this "final product version" really does seem to have been virtually ALL of
the 535 production run.
Lowe electronics in the UK had details of a mod to improve ECSS locking,
again in 1993 and probably before, which I thought was their own but may have
come from the factory.
Either way, it's still a superb receiver and I guess that's what really
matters
regards
Nigel
GM8PZR
NRD-535D IF Filter, BWC and Firmware Upgrades (or: What's an NRD-535Db?)

The NRD-535D (the "D" model included ECSS, BWC and 1 kHz crystal filter
options factory-installed) was released in the North America market in 1991 - I
don't recall the exact date of first delivery but my records show that orders
were being accepted in January 1991. In short time it became obvious that
certain modifications were necessary, most notably:
* Variable Bandwidth Control (BWC): Originally designed for the
JST-135 transceiver, it only worked in SSB/RTTY/CW modes and only with the
intermediate (2.2 kHz) mechanical filter. It needed to be enabled in AM mode and made
to work with the wide filter.
* Wide Filter: The standard Murata CLF-D6 filter (around 8 kHz @ -6dB)
was a step backwards from the CLF-D6S which was used in the NRD-525 and
earlier JRC receivers which was spec'd at 5.7 kHz @ -6dB (8.7 kHz @ -60dB); . The
'535 needed to switch back to the D6S.
* Computer Interface: Some commands behaved badly, others needed to be
added to keep the software developers here in the States happy.

At my urging the factory incorporated these changes into production runs starting with NRD-535 serial no. BR56005. To differentiate this improved model from older units, Dick Robinson at Electronic Equipment Bank (Vienna, VA) decided to add the "b" designator in his ads and catalog listings for the NRD-535D. It was never an official JRC designation, but the terminology was adopted by NRD-535D users and continues to this day on various JRC-related reflectors and online groups.

Owners of NRD-535D receivers older than BR56005 were offered an upgrade kit which included a CLF-D6S filter, a new crystal filter for the CLF-243 BWC board, and a new set of EPROMs (version "D") updated the receivers firmware to enable the BWC to work correctly in AM mode and with the CLF-D6S and included several bug fixes, and implemented several fixes and additions to the RS-232C interface command set.

The upgraded BWC board was designated CLF-243W ("W" for wide) in units with serial numbers BR56005 and later; the easiest way to tell if an original NRD-535D has been upgraded is to simply see if the BWC works with the wide filter in the AM mode; if it does, then the upgrade kit was installed. I am not sure whether JRC still offers the NRD-535 upgrade kit; I suggest contacting _Universal Radio_ (http://www.rffun.com/) in Ohio for further info.

Disclaimer: Why am I doing this?

I receive fairly regular emails out of the blue from SWLs and hams who own JRC receivers and transceivers, asking for info that I might be able to share with them. Some of them know and remember me from the old days when I was a sales manager for JRC's New York office, others find me by Googling or whatever. Now, as then, I am happy to help however I can, although my contacts at JRC have been severed and my memory is rapidly failing. Therefore, I have created this page to post some of my thoughts and recollections of my time with JRC and my part in bringing the NRD-535 receiver to market in North America. I welcome _comments_ (mailto:paul@...) and additional info from JRC enthusiasts, but please keep in mind that I no longer represent Japan Radio Co., Ltd. in any capacity, and that any interest I have in JRC amateur and SWL products is purely that of a fellow enthusiast and ham. Any opinions stated or implied are solely my own and most likely do not reflect those of Japan Radio Co., Ltd.

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1344. nrd535 service manual or schematics

Yahoo group: nrd-525-535
Date: 2006-09-13 22:31:23 UTC
From: apollo22mond
Topic: 1344 Message: 1344

hi folk,

i am looking around for the nrd535 service manual/schematics!

can anybody help me or any other guidance?!

big thanks and greetings from germany, uwe

1345. Re: [nrd-525-535] nrd535 service manual or schematics

Yahoo group: nrd-525-535
Date: 2006-09-13 23:03:49 UTC
From: gandalfg8@aol.com
Topic: 1344 Message: 1345

In a message dated 13/09/2006 23:41:46 GMT Daylight Time, apollo2mond@...
writes:

i am looking around for the nrd535 service manual/schematics!

can anybody help me or any other guidance?!

big thanks and greetings from germany, uwe

I have the service manual but buried in storage, however, the schematics are
also in the user manual and I have that in pdf format.
I will try and send that direct, please let me know if it gets to you ok
regards
Nigel
GM8PZR

1346. NRD-535D REVIEW

Yahoo group: nrd-525-535
Date: 2006-09-14 06:46:00 UTC
From: Emmett
Topic: 1346 Message: 1346

I don't know if this is on topic or not but here goes.

I recently acquired an NRD535D and use it with a RCA PRO33AV speaker and they work great together. Clean and smooth audio. I have sen earlier reviews regarding the wooly audio, however I am using the Line Out connection to an NCS RXII and listen to AM Broadcast with the wide 6 Khz setting and it seems to work well.

Just my impressions.

'73 Emmett KZ5I

1347. RE: [nrd-525-535] nrd535 service manual or schematics

Yahoo group: nrd-525-535
Date: 2006-09-14 08:00:37 UTC
From: apollo2mond
Topic: 1344 Message: 1347

Hi Nigel,

Big thanks for the instruction manual/schematics. Is already helpful!

The service manual has also information about the adjustments which are
often needed and very helpful.

Maybe you have now time to look for and to scan?! Would be great!

Br, uwe

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On
Behalf Of gandalfg8@...
Sent: Donnerstag, 14. September 2006 01:04
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] nrd535 service manual or schematics

In a message dated 13/09/2006 23:41:46 GMT Daylight Time, apollo2mond@...
writes:

i am looking around for the nrd535 service manual/schematics!

can anybody help me or any other guidance?!

big thanks and greetings from germany, uwe

I have the service manual but buried in storage, however, the schematics are
also in the user manual and I have that in pdf format.

I will try and send that direct, please let me know if it gets to you ok

regards

Nigel

GM8PZR

1348. Re: [nrd-525-535] nrd535 service manual or schematics

Yahoo group: nrd-525-535
Date: 2006-09-14 09:41:47 UTC
From: gandalfg8@aol.com
Topic: 1344 Message: 1348

In a message dated 14/09/2006 09:06:18 GMT Daylight Time, apollo2mond@...
writes:

Big thanks for the instruction manual/schematics. Is already helpful!
The service manual has also information about the adjustments which are
often needed and very helpful.
Maybe you have now time to look for and to scan?! Would be great!

Hi Uwe

I'm glad to hear that's been useful.

The problem with the service manual is that it's in a box somewhere in
storage and the storage unit is so full I can't get at most of the boxes to look
for anything.
I'll be at the storage unit sometime over the next few days and will check
just in case it is within reach, otherwise it could be several months before I
see it again.
Either way, I'll be back in touch to let you know.

regards

Nigel
GM8PZR

1349. Re: [nrd-525-535] The New Arrival

Yahoo group: nrd-525-535
Date: 2006-09-14 13:03:01 UTC
From: DWP
Topic: 1338 Message: 1349

Thanks to everyone who answered my questions. I'll try to respond to you all in one email:

Brian:
Thanks for the congrats. It was actually your recommendation on another list that helped push me into waiting for the 535, rather than compromising to save money.

1) Of course - actually try it! I didn't know about the light. It did go on upon turning in Wide, so I must have a Db. THe display on the 535 is REALLY nice, BTW.

2) Okay, I'll live with the manual.

3) Thanks, I will (ask questions of this group.)

I've been mostly using headphones. However, I have a "stereo system" I run my radios thru. It is a Realistic "integrated amplifier" (probably around 20watts), a Realistic parametric equalizer, and a pair of small Avon speakers (3-way, and pretty good, considering they are small.) This has worked well with my SW8, and seemed fine with the 535. I tend to use the headphone jack; would there be any advantage to using the line out instead?

Curt:
As it turns out, I do have the Db. Not sure my user instructions have the addendum, but it does have instructions for all the "D" features, so I guess I'm set.

BTW, I alsawys wondered why, when I saw pictures of the 535 (not D), it had an ECSS button and the BWC knob. Presumably so that upgrading was easier?

Nigel:
Thanks for the historical info. Yes, I had not seen the Db as an "official" designation anywhere. Usually Passport is pretty good with that kind of info. And thanks for the link. Too bad they decided against the Automatic Scan Start button! LOL

I do vaguely recall a mention of the H EPROM at another list. As I don't intend to use a computer with the radio, I didn't pay too much attention. I guess I'll have to if I change my mind. (I may be tempted by the remote control unit, however, that plugs into the rs-232.)

BTW, cool email moniker. I must confess to being an only-slightly-reformed Tolkien geek.

John:
Thanks for the additional info.

As I get more familiar with my 535, I will undoubtedly have more questions.

Do you Yahoo!?
Get on board. You're invited to try the new Yahoo! Mail.

1350. Re: [nrd-525-535] NRD-535D REVIEW

Yahoo group: nrd-525-535
Date: 2006-09-14 14:25:03 UTC
From: Robert W. Betts
Topic: 1346 Message: 1350

Emmett:
I don't think that's off topic at all. Receivers are not meant to be hi-fi systems, and to my thinking, the speakers they put in the cabinet are to prove that the radio is working, but not for listening. With the dozens of radios in my shack, not one of them is allowed to play with its internal speaker. If i happen to take one outside on a nice day, well that's a different story...lol.
I primarily use a a 6.5" coaxial loudspeaker that I designed that has a very slightly "happy face" response curve - where the mid-range freqs are attenuated about 3 dB. The tweeter is a 1/2" soft mylar dome type.
The 535, 545, 515 all sound fine through the external speaker. Heck, even the Icom R-71A and R-75 sounds good. Similar versions of these smallish coax speakers can be bought at auto sound shops. In my shack, I have a line-level feed to the stereo system. For long term listening I feed the radio's signal to the stereo and have the flexibility of various tone controls, a graphic equalizer, larger 3-way speakers, etc. Of course, all this experimenting happens in my shack, b/c I'd never be allowed to violate the sanctity of the family room...(I'm sure some of you guys will understand what I mean)
Bob, N1KPR

Emmett <bear_77586@...> wrote:
I don't know if this is on topic or not but here goes.

I recently acquired an NRD535D and use it with a RCA PRO33AV speaker
and they work great together. Clean and smooth audio. I have sen
earlier reviews regarding the wooly audio, however I am using the Line
Out connection to an NCS RXII and listen to AM Broadcast with the wide
6 Khz setting and it seems to work well.

Just my impressions.

'73 Emmett KZ5I

1351. nrd535 firmware version?

Yahoo group: nrd-525-535
Date: 2006-09-14 17:11:10 UTC
From: apollo22mond
Topic: 1351 Message: 1351

hi all,

is there any info available about the last SW/firmware versions for
the CPU main borad and display unit?

who can make this versions available for download?

i think about to add new functions to the sw, which would you add/
change?

br,uwe!

1352. Re: [nrd-525-535] The New Arrival

Yahoo group: nrd-525-535
Date: 2006-09-14 18:56:21 UTC
From: gandalfg8@aol.com
Topic: 1338 Message: 1352

In a message dated 14/09/2006 14:07:22 GMT Daylight Time,
celticdude_2000@... writes:

I do vaguely recall a mention of the H EPROM at another list. As I don't
intend to use a computer with the radio, I didn't pay too much attention. I
guess I'll have to if I change my mind. (I may be tempted by the remote control
unit, however, that plugs into the rs-232.)

BTW, cool email moniker. I must confess to being an only-slightly- I must
confess to bei

Getting at the display Eprom is the worst. I have done it but wouldn't want
to strip the front off the 535 too often.
I found with my version F Eproms that computer control was ok, despite some
problems due to the lack of flow control, but was never as satisfying as
using the set manually and I quickly lost interest in the PC option.
For computer control these days I use a Winradio 313i, which is another
superb receiver and designed for the job, but there's still something very
special about the 535 and I'd be very reluctant to part with it.

I haven't read any Tolkien for ages......
but still well hooked there too:-)

regards

Nigel
GM8PZR

1353. nrd535 firmware update on "version 1.5" or 2.0

Yahoo group: nrd-525-535
Date: 2006-09-14 21:56:05 UTC
From: apollo22mond
Topic: 1353 Message: 1353

hi all,

who has the eprom images?

thx, apollo!

1354. Re: [nrd-525-535] nrd535 service manual or schematics

Yahoo group: nrd-525-535
Date: 2006-09-15 12:28:59 UTC
From: gandalfg8@aol.com
Topic: 1344 Message: 1354

In a message dated 14/09/2006 09:06:18 GMT Daylight Time, apollo2mond@...
writes:

The service manual has also information about the adjustments which are
often needed and very helpful.
Maybe you have now time to look for and to scan?! Would be great!

Hi Uwe

I checked my storage unit this morning and there's no hint of where the
service manual might be so I'm afraid it's unlikely to surface for a few months
at the very least.

Sorry about that.

regards

Nigel
GM8PZR

1355. RE: [nrd-525-535] nrd535 service manual or schematics

Yahoo group: nrd-525-535
Date: 2006-09-15 19:57:52 UTC
From: apollo2mond
Topic: 1344 Message: 1355

Hi nigel,

Sound's like my shack :-) I am also looking around for everything!

Let see may be a miracle will happen next time!

Big thanks, uwe!

p.s. in case please share!

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of gandalfg8@...
Sent: Freitag, 15. September 2006 14:29
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] nrd535 service manual or schematics

In a message dated 14/09/2006 09:06:18 GMT Daylight Time, apollo2mond@... writes:

The service manual has also information about the adjustments which are often needed and very helpful.

Maybe you have now time to look for and to scan?! Would be great!

Hi Uwe

I checked my storage unit this morning and there's no hint of where the service manual might be so I'm afraid it's unlikely to surface for a few months at the very least.

Sorry about that.

regards

Nigel

GM8PZR

1356. JRC CMH-530+CJK-61 RTTY Demod Board for NRD525/535 on Ebay Item # 250027311832

Yahoo group: nrd-525-535
Date: 2006-09-16 02:52:04 UTC
From: Brian Denley
Topic: 1356 Message: 1356

I am not the seller but I have one of these boards installed in my 535. For anyone who might be interested in decoding RTTY with their NRD-535, this board decodes the RTTY and sends the ascii data back to your computer. Included is a visual indicator tha plugs into the back of the 535 and provided nice tuning feedback. JRC never provided any software for this but I have written a Visual Basic program that uses this board and it works very well. It's not hard at all to write a program to command this board.
Brian Denley
http://home.comcast.net/~b.denley/index.html

1357. For 535: Line Out vs. Headphone jack

Yahoo group: nrd-525-535
Date: 2006-09-17 03:48:20 UTC
From: celticdude_2000
Topic: 1357 Message: 1357

Hello,

I've been running my external speaker system from the headphone jack. this, of course, means I need to adjust the AF gain on the 535. I tried the Line Out, and find that it has better ausio using this. However, this does not disconnect the speaker on the radio. Is this a major problem? One solution is to keep the AF gain down all the way, but I'm guessing there is still a small current running thru the speaker? Another solution is to put a 1/4 inch adapter into the headphone jack. Mostly I'm worried about damaging my radio; is there any danger? The Ext. Speaker jack on the back also disconnects the speaker, but still requires adjustment of the AF gain. Any solution I haven't thought of yet?

Thanks, DWP

1358. Re: [nrd-525-535] For 535: Line Out vs. Headphone jack

Yahoo group: nrd-525-535
Date: 2006-09-17 09:47:43 UTC
From: gandalfg8@aol.com
Topic: 1357 Message: 1358

In a message dated 17/09/2006 04:58:30 GMT Daylight Time,
celticdude_2000@... writes:

One solution is to keep the AF gain down all the way,
but I'm guessing there is still a small current running thru the
speaker? Another solution is to put a 1/4 inch adapter into the
headphone jack. Mostly I'm worried about damaging my radio; is there
any danger?

Audio quality is usually better on the "line out" conection rather than
after the audio amp, which introduces extra distortion.
If turning the audio gain down completely mutes the speaker and doesn't
leave any irritating residual noise then I'd just go for that, it won't do any
harm.
Some volume controls do leave a faint residual background noise so a plug in
the headphone jack would stop that as you suggest.
Leaving the amp open circuit won't hurt it, it's short circuits that will
damage a non transformer coupled transistor output stage.

I can't remember if there's a mute option on the 353 but that might be
before the line out anyway.

regards

Nigel
GM8PZR

1359. Re: [nrd-525-535] For 535: Line Out vs. Headphone jack

Yahoo group: nrd-525-535
Date: 2006-09-17 17:16:15 UTC
From: W. Curt Deegan
Topic: 1357 Message: 1359

If as Nigel mentions there is some audio from the internal speaker even with the volume control turned down, there is another alternative to the one you mention of plugging into the headphone jack to mute the internal speaker. That would be to install an unconnected RCA plug in the 535 speaker output jack on the back of the receiver.

The RCA plug approach would mute the receiver internal speaker, remove any need for adjusting the volume control, and eliminate having a 1/4" jack sticking out the front of the receiver. You could then also use the headphone jack for what it was intended whenever you wish. A bit neater solution.

The open RCA plug would be acting simply as a mechanism to open the speaker circuit to shut it off and, as shown in the schematics, would operate exactly the same as using a 1/4" plug in the headphone jack.

Also from the schematics, as Nigel suspected, the 535 mute function would mute everything including line-out, so that presents no useful alternative for you.

Just don't forget the plug in the back if you ever try to use the internal speaker again :-\

Curt

W. Curt Deegan
Boca Raton, (southeast) Florida

At 05:47 AM 9/17/2006, you wrote:
>In a message dated 17/09/2006 04:58:30 GMT Daylight Time,
>celticdude_2000@... writes:
>One solution is to keep the AF gain down all the way,
>but I'm guessing there is still a small current running thru the
>speaker? Another solution is to put a 1/4 inch adapter into the
>headphone jack. Mostly I'm worried about damaging my radio; is there
>any danger?
>
>Audio quality is usually better on the "line out" conection rather than
>after the audio amp, which introduces extra distortion.
>If turning the audio gain down completely mutes the speaker and doesn't
>leave any irritating residual noise then I'd just go for that, it won't do
>any harm.
>Some volume controls do leave a faint residual background noise so a plug
>in the headphone jack would stop that as you suggest.
>Leaving the amp open circuit won't hurt it, it's short circuits that will
>damage a non transformer coupled transistor output stage.

>
>I can't remember if there's a mute option on the 353 but that might be
>before the line out anyway.
>
>regards
>
>Nigel
>GM8PZR

1360. NRD-535D

Yahoo group: nrd-525-535
Date: 2006-09-22 21:48:16 UTC
From: larfla2
Topic: 1360 Message: 1360

Hello,
I enjoy reading the items on this group. I owned and operated a NRD-525 with a Kiwa MAP while I was living in Japan in the late 80's and early 90's- great HF receiver. I currently own and operate a 535D, SN 77875 which I purchased in 1996 and I have a question for you experts. For about the past 6 months or so, whenever I am operating the receiver, it will turn itsef off for about 1 second and then rapidly turns itself back on. It continues to cycle itself , at different intervals (sometimes frequently, sometimes not so frequently) whenever I am operating it. Could it be the lithium cell? I changed that out last about 3 years ago and I'm not having any memory loss problems (with the receiver anyway). A internal relay? Something else? Any ideas would be greatly appreciated. Thanks.

Larry KC2OTX

1361. Re: [nrd-525-535] NRD-535D

Yahoo group: nrd-525-535
Date: 2006-09-22 22:14:30 UTC
From: David Ross
Topic: 1360 Message: 1361

Hi Larry

I had the exact same problem of intermittent AC power where the JRC NRD535D receiver would suddenly shut off and come right back on with one of the JRC receivers I owned many years and receivers ago.

Check the AC fuse connection. On the 535D I had it was barley loose. I tightened it with a quarter and all was well after.

73

David Ross

On 09/22/2006 5:48 PM, "larfla2" <larfla2@...> wrote:

> Hello,
> I enjoy reading the items on this group. I owned and operated a NRD-
> 525 with a Kiwa MAP while I was living in Japan in the late 80's and
> early 90's- great HF receiver. I currently own and operate a 535D, SN
> 77875 which I purchased in 1996 and I have a question for you experts.
> For about the past 6 months or so, whenever I am operating the
> receiver, it will turn itsef off for about 1 second and then rapidly
> turns itself back on. It continues to cycle itself , at different
> intervals (sometimes frequently, sometimes not so frequently) whenever
> I am operating it. Could it be the lithium cell? I changed that out
> last about 3 years ago and I'm not having any memory loss problems
> (with the receiver anyway). A internal relay? Something else? Any ideas
> would be greatly appreciated. Thanks.
>
> Larry KC2OTX
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> Yahoo! Groups Links
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1362. Re: [nrd-525-535] NRD-535D

Yahoo group: nrd-525-535
Date: 2006-09-22 23:47:40 UTC
From: John Dokulil
Topic: 1360 Message: 1362

Larry...

I also had the same problem of intermittent AC power occasionally clipping off then coming back on again. I found it was my AC power cord. It would not stay snugly plugged into my 535D, so I clamped the cord to the receiver. I've had no problems after that.

Good Luck

John Dokulil
WDX6GMX

----- Original Message -----
From: David Ross
To: nrd-525-535@yahoogroups.com
Sent: Friday, September 22, 2006 3:14 PM
Subject: Re: [nrd-525-535] NRD-535D

Hi Larry

I had the exact same problem of intermittent AC power where the JRC NRD535D receiver would suddenly shut off and come right back on with one of the JRC receivers I owned many years and receivers ago.

Check the AC fuse connection. On the 535D I had it was barley loose. I tightened it with a quarter and all was well after.

73

David Ross

On 09/22/2006 5:48 PM, "larfla2" <larfla2@...> wrote:

> Hello,
> I enjoy reading the items on this group. I owned and operated a NRD-
> 525 with a Kiwa MAP while I was living in Japan in the late 80's and
> early 90's- great HF receiver. I currently own and operate a 535D, SN
> 77875 which I purchased in 1996 and I have a question for you experts.
> For about the past 6 months or so, whenever I am operating the
> receiver, it will turn itsef off for about 1 second and then rapidly
> turns itself back on. It continues to cycle itself , at different
> intervals (sometimes frequently, sometimes not so frequently) whenever
> I am operating it. Could it be the lithium cell? I changed that out
> last about 3 years ago and I'm not having any memory loss problems
> (with the receiver anyway). A internal relay? Something else? Any ideas
> would be greatly appreciated. Thanks.
>

> Larry KC2OTX
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1363. Re: NRD-535D

Yahoo group: nrd-525-535
Date: 2006-09-23 02:05:36 UTC
From: DAVID
Topic: 1360 Message: 1363

I had that problem on my 525 just yesterday, cleaning the ends of the
fuse and the terminal in the fuseholder seems to have solved the problem.
Dave

--- In nrd-525-535@yahoogroups.com, David Ross <dross@...> wrote:
>
> Hi Larry
>
> I had the exact same problem of intermittent AC power where the JRC
NRD535D
> receiver would suddenly shut off and come right back on with one of
the JRC
> receivers I owned many years and receivers ago.
>
> Check the AC fuse connection. On the 535D I had it was barley loose. I
> tightened it with a quarter and all was well after.

> 73
>
> David Ross
>
>
> On 09/22/2006 5:48 PM, "larfla2" <larfla2@...> wrote:
>
> > Hello,
> > I enjoy reading the items on this group. I owned and operated a NRD-
> > 525 with a Kiwa MAP while I was living in Japan in the late 80's and
> > early 90's- great HF receiver. I currently own and operate a 535D, SN
> > 77875 which I purchased in 1996 and I have a question for you experts.
> > For about the past 6 months or so, whenever I am operating the
> > receiver, it will turn itsef off for about 1 second and then rapidly
> > turns itself back on. It continues to cycle itself , at different
> > intervals (sometimes frequently, sometimes not so frequently)
whenever
> > I am operating it. Could it be the lithium cell? I changed that out
> > last about 3 years ago and I'm not having any memory loss problems
> > (with the receiver anyway). A internal relay? Something else? Any
ideas
> > would be greatly appreciated. Thanks.
> >
> > Larry KC2OTX
> > Yahoo! Groups Links
>

1364. Re: Arrester Diodes CD1 to CD4 replacing

Yahoo group: nrd-525-535
Date: 2006-09-24 16:19:25 UTC
From: jmgirard2001
Topic: 1329 Message: 1364

Many thanks Chis for your answer.
I did'nt perform yet the modification.
But next Week-end I Will.

Best regards
Jean

--- In nrd-525-535@yahoogroups.com, "ringmodulator99" <junkbox@...>
wrote:
>
> Hi Jean,
>
> one Choke from the antenna line to ground is neccesary and one
> neonbulb in parallel.
>
> The choce gives a DC path to ground, so static on the antenne should
> be reduced. The neonbulb gets conductive on very high voltages, so
it
> can terminate voltage spikes.
>
> The 535 has a 470 mH choke with 470 Ohm in series to ground.
>
>
> Good luck
> Chris
>
>
> --- In nrd-525-535@yahoogroups.com, "jmgirard2001" <jmgirard2001@>
> wrote:
> >
> > A discussed mod's on this group for NRD-525 is for replacing
arrester
> > diodes CD1 to CD4 on the HF-card CFL-205 with 1 mH RF-chokes,
coupled
> > in parallell with a neon bulb.
> >
> > Did someone proceed to this mod and can help me to perform it on
my 525
> > reiceiver :
> >
> > Is it necesary to replace CD1, CD2, CD3 and CD4 each with 1 mH
choke or
> > CD1 and CD2 with one 1 mH choke and CD3 and CD4 with an other 1
mH
> > choke ?

> > Which type of neon bulb to use and how to solder them in paralel
with
> > chokes (a neon bulb for each choke)?
> >
> > I put the original diagram of arrester diode in file section.
> >
> > Best regards
> > Jean
> >
>

1365. Re: Arrester Diodes CD1 to CD4 replacing

Yahoo group: nrd-525-535
Date: 2006-09-24 18:36:16 UTC
From: jmgirard2001
Topic: 1329 Message: 1365

Dear friend,

If I look at NRD 535 CFL 287 RF TUNE UNIT, I understand that HF IN diagram is quite the same as NRD-525 CFL 205 HF TUNE board except that for NRD-535, arrester diodes C1-C4 have disapeared !

Each diagram shows 470mH choke and 470 OHM resistor to ground.

So why, instead of replacing C1-C4 with neon bult anf resistor // not to supress C1-C4 Diode on NRD 525 CFL-205 board?
Best regards
Jean
--- In nrd-525-535@yahoogroups.com, "ringmodulator99" <junkbox@...> wrote:
>
> Hi Jean,
>
> one Choke from the antenna line to ground is neccesary and one
> neonbulb in parallel.
>
> The choce gives a DC path to ground, so static on the antenne should
> be reduced. The neonbulb gets conductive on very high voltages, so it
> can terminate voltage spikes.
>
> The 535 has a 470 mH choke with 470 Ohm in series to ground.
>
>
> Good luck
> Chris
>
>
> --- In nrd-525-535@yahoogroups.com, "jmgirard2001" <jmgirard2001@>
> wrote:
> >
> > A discussed mod's on this group for NRD-525 is for replacing arrester
> > diodes CD1 to CD4 on the HF-card CFL-205 with 1 mH RF-chokes, coupled
> > in parallell with a neon bulb.
> >
> > Did someone proceed to this mod and can help me to perform it on my 525
> > reiceiver :
> >
> > Is it necesary to replace CD1, CD2, CD3 and CD4 each with 1 mH

choke or
> > CD1 and CD2 with one 1 mH choke and CD3 and CD4 with an other 1
mH
> > choke ?
> > Which type of neon bulb to use and how to solder them in paralel
with
> > chokes (a neon bulb for each choke)?
> >
> > I put the original diagram of arrester diode in file section.
> >
> > Best regards
> > Jean
> >
>

1366. Eeprom file for 535 wanted

Yahoo group: nrd-525-535
Date: 2006-09-26 21:24:51 UTC
From: Bjern
Topic: 1366 Message: 1366

Hi Group,
Although my 535 contains a CFL-243W unit, the BWC is only available in SSB and with the Inter filter-setting. As i understand from other posters, it should be possible to upgrade the 535 with a new Eeprom so that the BWC will work in AM and other filterwidths too. Here in Holland (the netherlands that is) a company can burn the right type of Eeprom if they are supplied with the correct data-file. Is there any user of this group that could (would) supply me that file, so that i can upgrade my beloved 535 ?
Maybe i'm getting the thing wrong or i'm overlooking other problems, please let me know if i am..

73' de Bjern, NL6001SWL

1367. NRD-535D Problem Repaired

Yahoo group: nrd-525-535
Date: 2006-09-28 19:04:19 UTC
From: larfla2
Topic: 1367 Message: 1367

Thanks for the help with the power cut out problem. I took everyones advice and clamped the ac power cord, and cleaned and tightened the fuse assembly. The unit is working perfectly now. Once again thanks to all.

Larry KC2OTX

1368. 525 Display Brightness

Yahoo group: nrd-525-535
Date: 2006-10-11 00:50:51 UTC
From: kg4big
Topic: 1368 Message: 1368

Hello Group,

Seems like I read here some time back there was a key press at power up that would light up all the positions on the NRD525 display. Is this so & if so what is it?

I have another 525 that is really nice but the display is a bit dimmer than the other one I foolishly sold.

It seems that some positions are dimmer than others ...ie, the CW & RTTY mode postitions. I would assume that comes from lack of use in those modes????

So does lighting all the display sort of "recharge" the dimmer positions on the display???

BTW the 525 I have now is in Mint shape. Serial #48771. It is stock with a 1.8 filter..CFL 218A... in the narrow position.

Vy 73, Ken KG4BIG

1369. Re: [nrd-525-535] 525 Display Brightness

Yahoo group: nrd-525-535
Date: 2006-10-11 09:27:36 UTC
From: gandalfg8@aol.com
Topic: 1368 Message: 1369

In a message dated 11/10/2006 01:55:00 GMT Daylight Time, kg4big@...
writes:

Seems like I read here some time back there was a key press at power
up that would light up all the positions on the NRD525 display. Is
this so & if so what is it?

I have another 525 that is really nice but the display is a bit dimmer
than the other one I foolishly sold.

It seems that some positions are dimmer than others ...ie, the CW &
RTTY mode postitions. I would assume that comes from lack of use in
those modes????

So does lighting all the display sort of "recharge" the dimmer
positions on the display???

Hi Ken

I can't help with the keypress, just checked the service manual and can't
find it there, but this will just be a test anyway, it won't fix anything.

I don't want to be the bearer of bad news but, although there is info in the
manual re checking the inverter circuit etc for the display, I suspect the
display itself is probably starting to fail.

My 525 is ok so far but I've heard of others having problems and I have an
R820 beginning to go the same way:-(

Having said that, it might be the supply section so probably well worth
checking that out first.

regards

Nigel
GM8PZR

1370. Re: [nrd-525-535] 525 Display Brightness

Yahoo group: nrd-525-535
Date: 2006-10-11 10:20:13 UTC
From: g3vvt@aol.com
Topic: 1368 Message: 1370

Hi Ken,

To echo what Nigel has said your problem is most likely the fluorescent display going bad. However there are three voltage supplies with this that could affect the issue:

1. There is a 9V DC feed to the inverter PSU for the display which comes via 470uH RFC L2 on the display board CDE-418. Check that the 9V supply is getting through this. I had one of these go high resistance in a Sony Betamax video that gave similar problems.
Both the DC supply and the display heater come from this PSU.

2. Check the AC voltage to the display filament. Possibly a scope is the best tool for measuring the display filament voltage from T1 as sometimes a DVM will give weird results on the HF AC used. Check the 33uH RFC L3 in the display filament line is OK. The components in the PSU including TR2/TR3, rectifier bridge and the like can also be checked.

3. Check that the DC supply on pin 9 of IC8 and IC9 is OK. The NRD-525 service manual does not give any figures, but expect at least +5VDC. Perhaps others may supply a definitive answer for this voltage and the AC voltage for the display filament.

Otherwise the only option is to replace the vacuum fluorescent display, assuming one can be sourced. This was the only item in my JST-135 that worried me for long term use having seen what happens in video recorders. May be a case of just putting up with a slightly less bright display in the end.

Regards,
Bob, G3VVT
JRC JST-135, NRD-515 & NSD-515.

1371. Problem with 535

Yahoo group: nrd-525-535
Date: 2006-11-02 16:29:18 UTC
From: Reinhold Schuttkowski
Topic: 1371 Message: 1371

Hello!

My 535DG suffers from time to time the following problem: I turn the power switch on - and the receiver switches back to ALL factory settings! This means: the display reads "100000000", no mode is running (I have to switch to AM mode), ALL memory channels are gone, the beep is on .....

It´s certainly not the lithium cell because it is NEW! This strange behaviour happens from time to time. There may be weeks or even 2-3 months without this problem but then again...

Has anyone had a similar problem or even a suggestion if not a solution? Maybe it is because of the power switch?

Thanks!

73, Reinhold

1372. Re: [nrd-525-535] Problem with 535

Yahoo group: nrd-525-535
Date: 2006-11-03 22:40:42 UTC
From: John Dokulil
Topic: 1371 Message: 1372

Reinhold:

Right Off.

It sounds like you have an intermittent voltage flow from your Memory Back-up lithium CR2032 battery. If your Lithium was replaced, check to make sure that the soldering of said battery to the board is good and is NOT a cold solder joint, which can cause intermittent voltage disruptions. Also the battery can be damaged from to much heat from the soldering of said battery to the board, so check its voltage under a load.

Also.

You say that the lithium battery in your 535 is new, well that means close to nothing. When the lithium CR2032 in my 353D first went bad and I had to replace it, I went through 3 NEW batteries before I could find one that was even close to being the correct voltage. It seems that this battery used in the 535 (CR2032) is NOT a popular item, so most stores only have one or two on hand, and many are OLD and have been setting on the shelf for years loosing power. I finely replaced the CR2032 with a Lithium CR123A which now uses a clip-in battery holder so no soldering is needed when replacing the battery. Also many 535 users have replaced the CR2032 with a CR2030 by first soldering in a CR2030 battery holder to the board and from now on use the standard lithium CR2030. Both the CR2030 and the CR123A are commonly used batteries, so they are definitely good when new (and are cheaper than the CR2032).

Good Luck.

John Dokulil

WDX6GMX

-=-

----- Original Message -----
From: Reinhold Schuttkowski
To: nrd-525-535@yahoogroups.com
Sent: Thursday, November 02, 2006 8:29 AM
Subject: [nrd-525-535] Problem with 535

Hello!

My 535DG suffers from time to time the following problem: I turn the power switch on - and the receiver switches back to ALL factory settings! This means: the display reads "100000000", no mode is running (I have to switch to AM mode), ALL memory channels are gone, the beep is on .....

It´s certainly not the lithium cell because it is NEW! This strange behaviour happens from time to time. There may be weeks or even 2-3 months without this problem but then again...

Has anyone had a similar problem or even a suggestion if not a solution?
Maybe it is because of the power switch?

Thanks!

73, Reinhold

1373. Kiwa mods

Yahoo group: nrd-525-535
Date: 2006-11-06 22:09:02 UTC
From: celticdude_2000
Topic: 1373 Message: 1373

So I've had my 535D for about 6 weeks now, and I'm generally pretty happy. However, 2 things really stick out:

1. the audio is as bad as I've heard it was, even with outboard speakers.

2. sync lock (ECSS) is a little shaky (improves as radio warms up, but not as good as my SW8.) I usually have to turn the PBT to get sync to lock in the first 5-10 minutes of operation, especially now that the weather is turning cold.

Kiwa has mods that will supposedly cure these problems, and more. Are they worth it? I am thinking about having the audio, ECSS, and AGC mods done. However, I would like some feedback on how effective these mods are. Also, how about the "ultimate rejection" mods? Since shipping there and back isn't so cheap I would like to do it only once, and have all worthwhile mods done. Kiwa does generally get pretty good ratings on their mods.

Thanks,

DWP

1374. Re: [nrd-525-535] Kiwa mods

Yahoo group: nrd-525-535
Date: 2006-11-06 22:29:13 UTC
From: Patrick Garner
Topic: 1373 Message: 1374

DWP,
About nine months ago I had Kiwa do the works to my 525: best money I ever spent. Dramatic difference. But mine is a 525, not a 535. So I suspect the difference might not be as dramatic. But I highly recommend Kiwa--excellent service, fast, and shipping superlative,
Pat Garner

On Nov 6, 2006, at 5:09 PM, celticdude_2000 wrote:

> So I've had my 535D for about 6 weeks now, and I'm generally pretty
> happy. However, 2 things really stick out:
>
> 1. the audio is as bad as I've heard it was, even with outboard
> speakers.
>
> 2. sync lock (ECSS) is a little shaky (improves as radio warms up, but
> not as good as my SW8.) I usually have to turn the PBT to get sync to
> lock in the first 5-10 minutes of operation, especially now that the
> weather is turning cold.
>
> Kiwa has mods that will supposedly cure these problems, and more. Are
> they worth it? I am thinking about having the audio, ECSS, and AGC
> mods done. However, I would like some feedback on how effective these
> mods are. Also, how about the "ultimate rejection" mods? Since
> shipping there and back isn't so cheap I would like to do it only
> once, and have all worthwhile mods done. Kiwa does generally get
> pretty good ratings on their mods.
>
> Thanks,
>
> DWP
>
>
>

1375. Re: [nrd-525-535] Kiwa mods

Yahoo group: nrd-525-535
Date: 2006-11-07 01:04:15 UTC
From: John Dokulil
Topic: 1373 Message: 1375

DWP:

About 2 years ago, I had Kiwa do several upgrades to my NRD 535D. They are as follows.

- AGC Modification.
- Audio Upgrade.
- Audio Tone Tilt.
- Ultimate Rejection Inductor Upgrade.
- Ultimate Rejection Filter Upgrade.

I am extremely happy with what they did and to me well worth the money. The Audio is now clean and crisp with a tone control that actually has usable functionality. I could NOT live without what they did!

As for the ECSS. My NRD 535D's ECSS does not seem to share in the problems that your 535 seems to have. I am quite happy with the way my ECSS functions, there for I did NOT have Kiwa do any upgrades concerning my 535D's ECSS so I can not speak for those upgrades.

I am more of a Dxer (QSL hunter), rather than a mainstream, high wattage station listener. This means that most of what I listen for are stations that are low wattage, in the mud, somewhat garbled, fade in and out broadcasts. The ECSS has proven to be a necessary peace of equipment in order to understand what is being said on many of these hard to get stations. In NO way am I saying that the ECSS is the Holy Grail of DX equipment, but without it I can truthfully say that I would have about 10% fewer QSLs. So for me the ECSS is definitely a needed peace of the 535D's functionality. But If you are NOT into DX, and only listen to high wattage (clean) stations, then I find that the ECSS is of little to NO use, and would NOT be worth the time and money for the upgrade.

John Dokulil
WDX6GMX

----- Original Message -----
From: celticdude_2000
To: nrd-525-535@yahoogroups.com
Sent: Monday, November 06, 2006 2:09 PM
Subject: [nrd-525-535] Kiwa mods

So I've had my 535D for about 6 weeks now, and I'm generally pretty
happy. However, 2 things really stick out:

1. the audio is as bad as I've heard it was, even with outboard speakers.

2. sync lock (ECSS) is a little shaky (improves as radio warms up, but
not as good as my SW8.) I usually have to turn the PBT to get sync to
lock in the first 5-10 minutes of operation, especially now that the
weather is turning cold.

Kiwa has mods that will supposedly cure these problems, and more. Are they worth it? I am thinking about having the audio, ECSS, and AGC mods done. However, I would like some feedback on how effective these mods are. Also, how about the "ultimate rejection" mods? Since shipping there and back isn't so cheap I would like to do it only once, and have all worthwhile mods done. Kiwa does generally get pretty good ratings on their mods.

Thanks,

DWP

1376. Re: [nrd-525-535] Kiwa mods

Yahoo group: nrd-525-535
Date: 2006-11-07 20:20:36 UTC
From: Bill Cotter
Topic: 1373 Message: 1376

Hi DWP,

I had the same mods John had for his NRD-535D plus the ECSS and a 8kHz filter for the AUX position. I must totally agree with his assessment of the final product. When I got it back (3yrs ago) I couldn't believe it was the same receiver. The most remarkable change was the audio mod and tone control. With a good receiver I have as close to hi-fi sound as can be expect from the shortwave copy of Voice of Turkey, Voice of Greece, Morocco and other Eastern European music stations.

The ECSS mod made the loop acquisition speed a bit slower, but it holds lock for quite a bit farther when tuning in/out of the 6-8kHz window. With my NRD-535 I cannot use the passband control effectively without losing lock. I think this is primarily because I listen to weak signals and have the RF gain turned back to keep the AGC smooth.

If you have to use the PBT to keep lock, I would suspect an alignment problem. In this case Craig at KIWA can get that in order, too. All the mods cost me about $350 plus shipping, and it is the best money I have spent aside from the original purchase. I use this radio daily and it is a pleasure to use......

73 bill n4alg

At 05:09 PM 11/6/2006, you wrote:
>So I've had my 535D for about 6 weeks now, and I'm generally pretty
>happy. However, 2 things really stick out:
>
>1. the audio is as bad as I've heard it was, even with outboard
>speakers.
>
>2. sync lock (ECSS) is a little shaky (improves as radio warms up, but
>not as good as my SW8.) I usually have to turn the PBT to get sync to
>lock in the first 5-10 minutes of operation, especially now that the
>weather is turning cold.
>
>Kiwa has mods that will supposedly cure these problems, and more. Are
>they worth it? I am thinking about having the audio, ECSS, and AGC
>mods done. However, I would like some feedback on how effective these
>mods are. Also, how about the "ultimate rejection" mods? Since
>shipping there and back isn't so cheap I would like to do it only
>once, and have all worthwhile mods done. Kiwa does generally get
>pretty good ratings on their mods.
>

>Thanks,
>
>DWP
>
>
>
>
>
>Yahoo! Groups Links
>
>
>

Bill Cotter, N4ALG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

1377. VS: JRC CFL-232 FILTER 500hz

Yahoo group: nrd-525-535
Date: 2006-11-09 21:53:35 UTC
From: Martin Wolter
Topic: 1377 Message: 1377

For Auction one used CFL-232 filter in excellent condition.
applicable to: NRD-525 NRD-535 JST 125 JST 135
Ebay Nr: 120051404115
greetings

73 `s Martin

1378. FS: NRD-525G with VHF/UHF module

Yahoo group: nrd-525-535
Date: 2006-11-10 12:26:21 UTC
From: Cedric
Topic: 1378 Message: 1378

Hello,
I have a nice JRC NRD-525G to sell. It has the VHF/UHF option. See:
http://tinyurl.com/y6yexq

Regards,
Cedric

1379. 535 Firmware

Yahoo group: nrd-525-535
Date: 2006-11-16 16:44:13 UTC
From: Reinhold Schuttkowski
Topic: 1373 Message: 1379

Hello!

Have there been any firmware updates for the 535DG? If so, where might they be available?

Maybe this is an old question but nevertheless it is important to me.

73, Reinhold

Von: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] Im Auftrag von Bill Cotter
Gesendet: Dienstag, 7. November 2006 21:21
An: nrd-525-535@yahoogroups.com
Betreff: Re: [nrd-525-535] Kiwa mods

Hi DWP,

I had the same mods John had for his NRD-535D plus the ECSS and a 8kHz filter for the AUX position. I must totally agree with his assessment of the final product. When I got it back (3yrs ago) I couldn't believe it was the same receiver. The most remarkable change was the audio mod and tone control. With a good receiver I have as close to hi-fi sound as can be expect from the shortwave copy of Voice of Turkey, Voice of Greece, Morocco and other Eastern European music stations.

The ECSS mod made the loop acquisition speed a bit slower, but it holds lock for quite a bit farther when tuning in/out of the 6-8kHz window. With my NRD-535 I cannot use the passband control effectively without losing lock. I think this is primarily because I listen to weak signals and have the RF gain turned back to keep the AGC smooth.

If you have to use the PBT to keep lock, I would suspect an alignment problem. In this case Craig at KIWA can get that in order, too. All the mods cost me about $350 plus shipping, and it is the best money I have spent aside from the original purchase. I use this radio daily and it is a pleasure to use......

73 bill n4alg

At 05:09 PM 11/6/2006, you wrote:
>So I've had my 535D for about 6 weeks now, and I'm generally pretty
>happy. However, 2 things really stick out:
>
>1. the audio is as bad as I've heard it was, even with outboard

>speakers.
>
>2. sync lock (ECSS) is a little shaky (improves as radio warms up, but
>not as good as my SW8.) I usually have to turn the PBT to get sync to
>lock in the first 5-10 minutes of operation, especially now that the
>weather is turning cold.
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>Kiwa has mods that will supposedly cure these problems, and more. Are
>they worth it? I am thinking about having the audio, ECSS, and AGC
>mods done. However, I would like some feedback on how effective these
>mods are. Also, how about the "ultimate rejection" mods? Since
>shipping there and back isn't so cheap I would like to do it only
>once, and have all worthwhile mods done. Kiwa does generally get
>pretty good ratings on their mods.
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>Thanks,
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>DWP
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>Yahoo! Groups Links
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Bill Cotter, N4ALG E-mail: n4alg@... <mailto:n4alg%40qx.net>
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

1380. Re: [nrd-525-535] 535 Firmware

Yahoo group: nrd-525-535
Date: 2006-11-17 10:02:33 UTC
From: gandalfg8@aol.com
Topic: 1373 Message: 1380

In a message dated 16/11/2006 16:57:30 GMT Standard Time,
reinholdschuttkowski@... writes:

Have there been any firmware updates for the 535DG? If so, where might they
be available?
Maybe this is an old question but nevertheless it is important to me.

Hi Reinhold

When I bought my 535 new in the early 90s I upgraded the firmware from
version E to version F, front panel had to be removed for one Eprom, but the final
version firmware as far as I'm aware was H.

My information on enhancements etc is in storage so not available but I do
remember that some later control software wouldn't operate fully without the
version H Eproms.
"Later", allowing for my dodgy memory, probably dates back to around 1996 to
98.

There's a key stroke combination that will show the Eprom version fitted but
that info is buried also.
If anyone else knows what that is I'd be grateful for a reminder.

When the set was current it was easy enough to get upgrades from Lowe
Electronics here in the UK but when I asked about version H some while ago they
didn't even seem to know what I was talking about.
The old staff had left and nobody I spoke to seemed interested in the 535
anymore.

regards

Nigel
GM8PZR

1381. JRC-525: I need Help

Yahoo group: nrd-525-535
Date: 2006-11-25 21:49:09 UTC
From: elchumbo2003
Topic: 1381 Message: 1381

Hello to all.

I buy a JRC-525 and I have this problem:
Above to 20.500KHz only I listen [normal] if I press the key "memo-4" [bypass], is this correct?.

Also another problem is: In portions of MW I listen better with "memo-4" [bypass], principally below of 1200 KHz, It seems that it stays without sensivility gradually.

I have an interior antenna of wire and not if it is 50 ohm impedance, your believe that if I put an good exterior antenna it improves the sign?.

Many thanks to all for reply and 73.

1382. Re: [nrd-525-535] JRC-525: I need Help

Yahoo group: nrd-525-535
Date: 2006-11-26 00:08:13 UTC
From: Patrick Garner
Topic: 1381 Message: 1382

An exterior antenna will probably dramatically improve your signal.
The 525s are designed to take a long wire exterior. My experience
with interior antennas is that they are a major compromise.
On Nov 25, 2006, at 4:49 PM, elchumbo2003 wrote:

> Hello to all.
>
> I buy a JRC-525 and I have this problem:
> Above to 20.500KHz only I listen [normal] if I press the key "memo-4"
> [bypass], is this correct?.
>
> Also another problem is: In portions of MW I listen better with "memo-
> 4" [bypass], principally below of 1200 KHz, It seems that it stays
> without sensivility gradually.
>
> I have an interior antenna of wire and not if it is 50 ohm impedance,
> your believe that if I put an good exterior antenna it improves the
> sign?.
>
> Many thanks to all for reply and 73.
>
>
>

1383. Re: JRC-525: I need Help

Yahoo group: nrd-525-535
Date: 2006-11-26 10:40:50 UTC
From: christophe525
Topic: 1381 Message: 1383

The fisrt HF filter is a 400KHz low pass,
the second HF filter is 400-800KHz band pass...
When you press MEMO+4 the selected filter is only a 1,6MHz high pass.

You can see all HF filters here:
http://perso.orange.fr/geip/filtres.htm#HFtune

Best regards,
Christophe

http://perso.orange.fr/geip/NRD525.htm
http://perso.orange.fr/geip/NRD525En.htm => English

--- In nrd-525-535@yahoogroups.com, "elchumbo2003" <elchumbo2003@...>
wrote:
>
> Hello to all.
>
> I buy a JRC-525 and I have this problem:
> Above to 20.500KHz only I listen [normal] if I press the key "memo-
4"
> [bypass], is this correct?.
>
> Also another problem is: In portions of MW I listen better
with "memo-
> 4" [bypass], principally below of 1200 KHz, It seems that it stays
> without sensivility gradually.
>
> I have an interior antenna of wire and not if it is 50 ohm
impedance,
> your believe that if I put an good exterior antenna it improves the
> sign?.
>
> Many thanks to all for reply and 73.
>

1384. ECSS module wanted for 535

Yahoo group: nrd-525-535
Date: 2006-11-28 14:43:20 UTC
From: squire9802
Topic: 1384 Message: 1384

Hello All, I wonder whether anyone has (or knows anyone that has) a fully functioning CMF-78 ECSS unit for sale?
Cheers,
Pete (U.K.)

1385. Thanks!

Yahoo group: nrd-525-535
Date: 2006-12-03 18:23:52 UTC
From: Franklin Cathell
Topic: 1385 Message: 1385

[Body unavailable in the source archive]

1386. Control Software for 525

Yahoo group: nrd-525-535
Date: 2006-12-05 22:41:59 UTC
From: Andreas Bucher
Topic: 1386 Message: 1386

Hi all
I'm looking for control software for the NRD 525 running
on windows 98 and / or XP.
Thanks for any suggestions. Andy

1387. Re: Control Software for 525

Yahoo group: nrd-525-535
Date: 2006-12-06 04:07:53 UTC
From: DAVID
Topic: 1386 Message: 1387

--- In nrd-525-535@yahoogroups.com, "Andreas Bucher" <dark_star@...>
wrote:
>
> Hi all
> I'm looking for control software for the NRD 525 running
> on windows 98 and / or XP.
> Thanks for any suggestions. Andy
>

I use ToolBook Version 1.5 by the Asymetrix Corporation.
Dave

1388. 525 audio question

Yahoo group: nrd-525-535
Date: 2006-12-16 04:08:05 UTC
From: Frank Cathell
Topic: 1388 Message: 1388

I just acquired my 3rd NRD-525 after selling the 2 previous ones some years back because both had poor quality audio and excessive circuit hiss. This recent one is a newer version (early 90's version) and has none of the hiss and very decent audio, even through the tiny internal speaker. Has anyone else experienced this? I always loved the receiver but grew weary of the audio and hiss on the previous ones. Needless to say I'm elated with this one.

Thanks,

Frank
K3YAZ
Tucson

1389. Re: [nrd-525-535] 525 audio question

Yahoo group: nrd-525-535
Date: 2006-12-16 10:40:23 UTC
From: gandalfg8@aol.com
Topic: 1388 Message: 1389

In a message dated 16/12/2006 04:10:59 GMT Standard Time, fcathell@...
writes:

I just acquired my 3rd NRD-525 after selling the 2 previous ones some
years back because both had poor quality audio and excessive circuit
hiss. This recent one is a newer version (early 90's version) and has
none of the hiss and very decent audio, even through the tiny internal
speaker. Has anyone else experienced this? I always loved the
receiver but grew weary of the audio and hiss on the previous ones.
Needless to say I'm elated with this one.

Hi Frank
Congratulations on your acquisition, and glad to hear you're so pleased with
it.
I hadn't realised there were any differences but could never understand why
the 525 had such a poor reputation in this respect as mine always seemed ok.
I put that down to my poor hearing, maybe I was wrong:-)
Have you any idea what physical differences there are?
If you could tell us the serial # of your "new"set that could be useful too.
Mine's in storage right now but it would be interesting to check it
eventually and get some idea of its "vintage".
regards
Nigel
GM8PZR

1390. Re: [nrd-525-535] 525 audio question

Yahoo group: nrd-525-535
Date: 2006-12-16 14:38:35 UTC
From: Franklin Cathell
Topic: 1388 Message: 1390

Nigel - thanks for the response. I was able to tell that this was a newer one by the fact that the main AGC cap was 0.47 uF rather than 0.22. Apparently this was a change made in the later production units to improve the AGC. I found this info out on Dallas Lankford's website on radio related topics. I didn't see any obvious changes or modifications based on what I remember from my previous units. Some experimentation on one of the previous 525s did indicate that the hiss was generated in the RF/IF sections rather than AF circuitry. In any case I'm very happy with this one. My other receivers include a Kenwood R-5000 and an old but mint Icom R70, which despite the weird ergonomics, is a top notch DX receiver. These are all Ebay purchases at bargain prices! I've been very lucky with Ebay.

Happy holidays!

Frank
K3YAZ
Sunny Tucson, AZ

----- Original Message -----
From: gandalfg8@aol.com<mailto:gandalfg8@...>
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Sent: Saturday, December 16, 2006 3:40 AM
Subject: Re: [nrd-525-535] 525 audio question

In a message dated 16/12/2006 04:10:59 GMT Standard Time,
fcathell@...<mailto:fcathell@...> writes:
I just acquired my 3rd NRD-525 after selling the 2 previous ones some
years back because both had poor quality audio and excessive circuit
hiss. This recent one is a newer version (early 90's version) and has
none of the hiss and very decent audio, even through the tiny internal
speaker. Has anyone else experienced this? I always loved the
receiver but grew weary of the audio and hiss on the previous ones.
Needless to say I'm elated with this one.

Hi Frank
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I hadn't realised there were any differences but could never understand why the 525 had such a poor reputation in this respect as mine always seemed ok.
I put that down to my poor hearing, maybe I was wrong:-)
Have you any idea what physical differences there are?
If you could tell us the serial # of your "new"set that could be useful too.
Mine's in storage right now but it would be interesting to check it eventually and get some idea of its "vintage".
regards
Nigel
GM8PZR

1391. Re: 525 audio question

Yahoo group: nrd-525-535
Date: 2006-12-16 15:35:55 UTC
From: Jim Hackett
Topic: 1388 Message: 1391

When I first started reading your message I though "hiss, what hiss". Mine doesn't hiss any worse than any other radio I have. I still don't understand why so many people think the audio sucks. The sound with the internal speaker is better than the R-75. I have the NVA-88 speaker and it makes the 525 sound good. Mine is also a high serial number (later model)

--- In nrd-525-535@yahoogroups.com, "Frank Cathell" <fcathell@...> wrote:
>
> I just acquired my 3rd NRD-525 after selling the 2 previous ones some
> years back because both had poor quality audio and excessive circuit
> hiss. This recent one is a newer version (early 90's version) and has
> none of the hiss and very decent audio, even through the tiny internal
> speaker. Has anyone else experienced this? I always loved the
> receiver but grew weary of the audio and hiss on the previous ones.
> Needless to say I'm elated with this one.
>
> Thanks,
>
> Frank
> K3YAZ
> Tucson
>

1392. Re: 525 audio question

Yahoo group: nrd-525-535
Date: 2006-12-16 15:42:55 UTC
From: Jim Hackett
Topic: 1388 Message: 1392

Another difference with the newer ones is that pushing the run button toggles between fine and coarse tuning rates.

--- In nrd-525-535@yahoogroups.com, "Franklin Cathell" <fcathell@...> wrote:
>
> Nigel - thanks for the response. I was able to tell that this was a newer one by the fact that the main AGC cap was 0.47 uF rather than 0.22. Apparently this was a change made in the later production units to improve the AGC. I found this info out on Dallas Lankford's website on radio related topics. I didn't see any obvious changes or modifications based on what I remember from my previous units. Some experimentation on one of the previous 525s did indicate that the hiss was generated in the RF/IF sections rather than AF circuitry. In any case I'm very happy with this one. My other receivers include a Kenwood R-5000 and an old but mint Icom R70, which despite the weird ergonomics, is a top notch DX receiver. These are all Ebay purchases at bargain prices! I've been very lucky with Ebay.
>
> Happy holidays!
>
> Frank
> K3YAZ
> Sunny Tucson, AZ
>
> ----- Original Message -----
> From: gandalfg8@...<mailto:gandalfg8@...>
> To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
> Sent: Saturday, December 16, 2006 3:40 AM
> Subject: Re: [nrd-525-535] 525 audio question
>
>
> In a message dated 16/12/2006 04:10:59 GMT Standard Time, fcathell@...<mailto:fcathell@...> writes:
> I just acquired my 3rd NRD-525 after selling the 2 previous ones some
> years back because both had poor quality audio and excessive circuit
> hiss. This recent one is a newer version (early 90's version) and has
> none of the hiss and very decent audio, even through the tiny internal
> speaker. Has anyone else experienced this? I always loved the

> receiver but grew weary of the audio and hiss on the previous
ones.
> Needless to say I'm elated with this one.
>
> ---
>
> Hi Frank
> Congratulations on your acquisition, and glad to hear you're so
pleased with it.
> I hadn't realised there were any differences but could never
understand why the 525 had such a poor reputation in this respect as
mine always seemed ok.
> I put that down to my poor hearing, maybe I was wrong:-)
> Have you any idea what physical differences there are?
> If you could tell us the serial # of your "new"set that could be
useful too.
> Mine's in storage right now but it would be interesting to check
it eventually and get some idea of its "vintage".
> regards
> Nigel
> GM8PZR
>

1393. Re: [nrd-525-535] Re: 525 audio question

Yahoo group: nrd-525-535
Date: 2006-12-16 15:55:12 UTC
From: Patrick Garner
Topic: 1388 Message: 1393

I will say though that when I sent my later model 525 to Kiwa for
mods, the sound quality was astoundingly better when it came home.
The change was worth every penny.
On Dec 16, 2006, at 10:42 AM, Jim Hackett wrote:

> Another difference with the newer ones is that pushing the run
> button toggles between fine and coarse tuning rates.
>
> --- In nrd-525-535@yahoogroups.com, "Franklin Cathell"
> <fcathell@...> wrote:
> >
> > Nigel - thanks for the response. I was able to tell that this was
> a newer one by the fact that the main AGC cap was 0.47 uF rather
> than 0.22. Apparently this was a change made in the later production
> units to improve the AGC. I found this info out on Dallas
> Lankford's website on radio related topics. I didn't see any
> obvious changes or modifications based on what I remember from my
> previous units. Some experimentation on one of the previous 525s did
> indicate that the hiss was generated in the RF/IF sections rather
> than AF circuitry. In any case I'm very happy with this one. My
> other receivers include a Kenwood R-5000 and an old but mint Icom
> R70, which despite the weird ergonomics, is a top notch DX receiver.
> These are all Ebay purchases at bargain prices! I've been very
> lucky with Ebay.
> >
> > Happy holidays!
> >
> > Frank
> > K3YAZ
> > Sunny Tucson, AZ
> >
> > ----- Original Message -----
> > From: gandalfg8@...<mailto:gandalfg8@...>
> > To: nrd-525-535@yahoogroups.com<mailto:nrd-525-
> 535@yahoogroups.com>
> > Sent: Saturday, December 16, 2006 3:40 AM
> > Subject: Re: [nrd-525-535] 525 audio question
> >
> >
> > In a message dated 16/12/2006 04:10:59 GMT Standard Time,
> fcathell@...<mailto:fcathell@...> writes:
> > I just acquired my 3rd NRD-525 after selling the 2 previous
> ones some
> > years back because both had poor quality audio and excessive
> circuit

> > hiss. This recent one is a newer version (early 90's version)
> and has
> > none of the hiss and very decent audio, even through the tiny
> internal
> > speaker. Has anyone else experienced this? I always loved the
> > receiver but grew weary of the audio and hiss on the previous
> ones.
> > Needless to say I'm elated with this one.
> >
> > ---
> >
> > Hi Frank
> > Congratulations on your acquisition, and glad to hear you're so
> pleased with it.
> > I hadn't realised there were any differences but could never
> understand why the 525 had such a poor reputation in this respect as
> mine always seemed ok.
> > I put that down to my poor hearing, maybe I was wrong:-)
> > Have you any idea what physical differences there are?
> > If you could tell us the serial # of your "new"set that could be
> useful too.
> > Mine's in storage right now but it would be interesting to check
> it eventually and get some idea of its "vintage".
> > regards
> > Nigel
> > GM8PZR
> >
>
>
>

1394. Re: [nrd-525-535] Re: 525 audio question

Yahoo group: nrd-525-535
Date: 2006-12-16 17:50:41 UTC
From: g8lyv
Topic: 1388 Message: 1394

Hi,

I am a great fan of the 525 and have spent much time improving its sound quality over the years.

The stock radio is let down by the IF filters on sideband and AM, plus noisy synth and too much IF gain at 455kHz. The detector and audio stages are of low distortion design so are capable of much better performance than they are given credit for.

For SSB you should get hold of the optional CL251 2.4kHz ssb filter, it will greatly improve the sound.

On AM I removed the CLF-D6S filter as is it too narrow for decent reception. Despite its part number it is more like 4kHz selectivity than the 6k you would expect. Audio through it is muddy and indistinct. In its place I installed a Murata CFK455H filter. This is 6k wide with very good selectivity and is pin compatible. You could also use the CFK455I, this is around 5k wide if you need some more selectivity.

However for better reception on broadcast signals I use a Murata CFG455H hard wired so that it gets selected in the NARR position. You need to terminate this 6/7k wide filter with an LC network at the input and output, check out the handbook to see the configuration, it is the same as for the FL3 filter. A series 330uH inductor and 270pf cap to ground next to the filter will present a decent match to the 600 ohms of the IF section.

The 455k IF has way too much gain and is responsible for the hiss. The agc should really be delayed to the first IF, instead the AGC acts on all controlled stages equally. The ultimate signal to noise on a 525 tends to be only 40dB. On the 535 the signal into the detector is 20dB lower and the gain is made up in the audio stages, giving less broadband hiss.

I once did an audio output comparison of the JRC radios by injecting a strong carrier at 7Megs into the rxs and tuning them to give a 1k tone in the audio. If you look at the audio output on a spectrum analyser you would find that the 525 produces a tone with noisy sidebands. Really what you are seeing is the spectrum of the first local oscillator. The 535 is much better and the 545 is better still.

Kevin, G8LYV

----- Original Message -----
From: Patrick Garner
To: nrd-525-535@yahoogroups.com
Sent: Saturday, December 16, 2006 3:55 PM
Subject: Re: [nrd-525-535] Re: 525 audio question

I will say though that when I sent my later model 525 to Kiwa for mods, the sound quality was astoundingly better when it came home. The change was worth every penny.

On Dec 16, 2006, at 10:42 AM, Jim Hackett wrote:

Another difference with the newer ones is that pushing the run button toggles between fine and coarse tuning rates.

--- In nrd-525-535@yahoogroups.com, "Franklin Cathell" <fcathell@...> wrote:
>
> Nigel - thanks for the response. I was able to tell that this was a newer one by the fact that the main AGC cap was 0.47 uF rather than 0.22. Apparently this was a change made in the later production units to improve the AGC. I found this info out on Dallas Lankford's website on radio related topics. I didn't see any obvious changes or modifications based on what I remember from my previous units. Some experimentation on one of the previous 525s did indicate that the hiss was generated in the RF/IF sections rather than AF circuitry. In any case I'm very happy with this one. My other receivers include a Kenwood R-5000 and an old but mint Icom R70, which despite the weird ergonomics, is a top notch DX receiver. These are all Ebay purchases at bargain prices! I've been very lucky with Ebay.
>
> Happy holidays!
>
> Frank
> K3YAZ
> Sunny Tucson, AZ
>
> ----- Original Message -----
> From: gandalfg8@...<mailto:gandalfg8@...>
> To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
> Sent: Saturday, December 16, 2006 3:40 AM
> Subject: Re: [nrd-525-535] 525 audio question
>
>
> In a message dated 16/12/2006 04:10:59 GMT Standard Time, fcathell@...<mailto:fcathell@...> writes:
> I just acquired my 3rd NRD-525 after selling the 2 previous ones some
> years back because both had poor quality audio and excessive circuit
> hiss. This recent one is a newer version (early 90's version) and has
> none of the hiss and very decent audio, even through the tiny internal
> speaker. Has anyone else experienced this? I always loved the
> receiver but grew weary of the audio and hiss on the previous ones.
> Needless to say I'm elated with this one.
>
> --
>

> Hi Frank
> Congratulations on your acquisition, and glad to hear you're so pleased with it.
> I hadn't realised there were any differences but could never understand why the 525 had such a poor reputation in this respect as mine always seemed ok.
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> regards
> Nigel
> GM8PZR
>

1395. Re: [nrd-525-535] Re: 525 audio question

Yahoo group: nrd-525-535
Date: 2006-12-16 19:37:10 UTC
From: Franklin Cathell
Topic: 1388 Message: 1395

The first 525 I had was literally intolerable from an audio and hiss standpoint. The second had acceptable audio but the hiss was ever present. This latest one is just great with no hiss and decent audio. It's also the best one cosmetically. The first one also had some keypad issues that eventually partially cleared up. One other thing that I notice on this one is that the stock "wide" filter is about 5 - 6 kHz wide whereas the previous 2 were more like 4 kHz wide. I actually like this one better because the audio quality is good with the 6 kHz and I'll probably put a 3.5 kHz filter in the AUX position.

Frank
----- Original Message -----
From: Jim Hackett<mailto:jim_hack@...>
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Sent: Saturday, December 16, 2006 8:35 AM
Subject: [nrd-525-535] Re: 525 audio question

When I first started reading your message I though "hiss, what
hiss". Mine doesn't hiss any worse than any other radio I have. I
still don't understand why so many people think the audio sucks. The
sound with the internal speaker is better than the R-75. I have the
NVA-88 speaker and it makes the 525 sound good. Mine is also a high
serial number (later model)

--- In nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>, "Frank Cathell"
<fcathell@...>
wrote:
>
> I just acquired my 3rd NRD-525 after selling the 2 previous ones
some
> years back because both had poor quality audio and excessive
circuit
> hiss. This recent one is a newer version (early 90's version) and
has
> none of the hiss and very decent audio, even through the tiny
internal
> speaker. Has anyone else experienced this? I always loved the
> receiver but grew weary of the audio and hiss on the previous
ones.
> Needless to say I'm elated with this one.
>
> Thanks,
>
> Frank
> K3YAZ
> Tucson
>

Yahoo! Groups Links

1396. Re: 525 audio question

Yahoo group: nrd-525-535
Date: 2006-12-17 20:38:03 UTC
From: caladonia5560
Topic: 1388 Message: 1396

I too have found that the stock filter in the "WIDE" position is too narrow (about 4.5 KHz) for comfortable listening with my NRD-525, although it is excellent for separating stations in crowded band conditions. The stock "AUX" position was much too wide to be useful. I have installed the KIWA Electronics Ultimate Rejection Filter (available for about $30 in kit form) which gives about 8 KHz bandwidth in the "AUX" position and is a very worthwhile improvement at low cost. My receiver is a fairly late model and hiss has never been a problem.

Les Layton
Las Vegas, NV

--- In nrd-525-535@yahoogroups.com, "Frank Cathell" <fcathell@...> wrote:
>
> I just acquired my 3rd NRD-525 after selling the 2 previous ones some
> years back because both had poor quality audio and excessive circuit
> hiss. This recent one is a newer version (early 90's version) and has
> none of the hiss and very decent audio, even through the tiny internal
> speaker. Has anyone else experienced this? I always loved the
> receiver but grew weary of the audio and hiss on the previous ones.
> Needless to say I'm elated with this one.
>
> Thanks,
>
> Frank
> K3YAZ
> Tucson
>

1397. Re: [nrd-525-535] Re: 525 audio question

Yahoo group: nrd-525-535
Date: 2006-12-18 15:22:18 UTC
From: Franklin Cathell
Topic: 1388 Message: 1397

Based on Les' info I checked the Kiwa site and then replaced the FL2 filter with a Murata 7 kHz filter I had in my filter bag. What an improvement in overall selectivity for AM particularly! The AUX position is now an acceptable 7 - 8 kHz "hifi" selectivity position with the WIDE looking like 5 kHz. For some reason the previous 525's I had were too narrow in the WIDE position for comfortable AM reception. The WIDE filter in this one seems to be OK. I also changed the three 0.47 uF tantalum electrolytic caps in the audio path to film caps and this did improve the audio even more (more crisp on highs). This is probably part of what the Kiwa audio mod do.

Frank
K3YAZ
Tucson

From: caladonia5560<mailto:caladonia5560@...>
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Sent: Sunday, December 17, 2006 1:38 PM
Subject: [nrd-525-535] Re: 525 audio question

I too have found that the stock filter in the "WIDE" position is too
narrow (about 4.5 KHz) for comfortable listening with my NRD-525,
although it is excellent for separating stations in crowded band
conditions. The stock "AUX" position was much too wide to be useful. I
have installed the KIWA Electronics Ultimate Rejection Filter
(available for about $30 in kit form) which gives about 8 KHz
bandwidth in the "AUX" position and is a very worthwhile improvement
at low cost. My receiver is a fairly late model and hiss has never
been a problem.

Les Layton
Las Vegas, NV

--- In nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>, "Frank Cathell"
<fcathell@...> wrote:
>
> I just acquired my 3rd NRD-525 after selling the 2 previous ones some
> years back because both had poor quality audio and excessive circuit
> hiss. This recent one is a newer version (early 90's version) and has
> none of the hiss and very decent audio, even through the tiny internal
> speaker. Has anyone else experienced this? I always loved the
> receiver but grew weary of the audio and hiss on the previous ones.
> Needless to say I'm elated with this one.
>
> Thanks,
>
> Frank

> K3YAZ
> Tucson
>

Yahoo! Groups Links

1398. Re: [nrd-525-535] Re: 525 audio question

Yahoo group: nrd-525-535
Date: 2006-12-18 16:28:12 UTC
From: g8lyv
Topic: 1388 Message: 1398

Frank,

Can you tell us what the part number of the Murata filter is?

I recall that the 535 had two versions of the NTK filter in the WIDE position, the CLFD6S and the the CLFD6. The latter was a nice sounding filter, the former, which was fitted to my 525, is horrible...and I am being polite!

Amazing that such a great RX attracted a bad name for audio quality, just for the want of a decent filter.

Kevin, G8LYV

----- Original Message -----
From: Franklin Cathell
To: nrd-525-535@yahoogroups.com
Sent: Monday, December 18, 2006 3:22 PM
Subject: Re: [nrd-525-535] Re: 525 audio question

Based on Les' info I checked the Kiwa site and then replaced the FL2 filter with a Murata 7 kHz filter I had in my filter bag. What an improvement in overall selectivity for AM particularly! The AUX position is now an acceptable 7 - 8 kHz "hifi" selectivity position with the WIDE looking like 5 kHz. For some reason the previous 525's I had were too narrow in the WIDE position for comfortable AM reception. The WIDE filter in this one seems to be OK. I also changed the three 0.47 uF tantalum electrolytic caps in the audio path to film caps and this did improve the audio even more (more crisp on highs). This is probably part of what the Kiwa audio mod do.

Frank
K3YAZ
Tucson

From: caladonia5560
To: nrd-525-535@yahoogroups.com
Sent: Sunday, December 17, 2006 1:38 PM
Subject: [nrd-525-535] Re: 525 audio question

I too have found that the stock filter in the "WIDE" position is too
narrow (about 4.5 KHz) for comfortable listening with my NRD-525,
although it is excellent for separating stations in crowded band
conditions. The stock "AUX" position was much too wide to be useful. I
have installed the KIWA Electronics Ultimate Rejection Filter
(available for about $30 in kit form) which gives about 8 KHz
bandwidth in the "AUX" position and is a very worthwhile improvement
at low cost. My receiver is a fairly late model and hiss has never
been a problem.

Les Layton
Las Vegas, NV

--- In nrd-525-535@yahoogroups.com, "Frank Cathell" <fcathell@...> wrote:
>
> I just acquired my 3rd NRD-525 after selling the 2 previous ones some
> years back because both had poor quality audio and excessive circuit
> hiss. This recent one is a newer version (early 90's version) and has
> none of the hiss and very decent audio, even through the tiny internal
> speaker. Has anyone else experienced this? I always loved the
> receiver but grew weary of the audio and hiss on the previous ones.
> Needless to say I'm elated with this one.
>
> Thanks,
>
> Frank
> K3YAZ
> Tucson
>

Yahoo! Groups Links

1399. Re: [nrd-525-535] Re: 525 audio question

Yahoo group: nrd-525-535
Date: 2006-12-18 18:12:16 UTC
From: Franklin Cathell
Topic: 1388 Message: 1399

I used a Murata CFW455-HT which is supposed to be a 6 kHz filter but is more like 7 or 8 kHz. I debated using an NTK LF-H6S type but decided on the slightly more narrow 455-HT. You will have to solder small wires on the filter since it is a 5 pin with 3 of the pins being ground. And be careful unsoldering the existing filter because the pc traces and pads are very fragile. The interesting thing is that changing this filter tightened up the skirts on the downstream 6 kHz filter so it now looks like about 5 or slightly less. The other NRD-525'2 I had had more like a 4 kHz filter here. Maybe this was a poor 4 kHz one! It's actually not a bad filter.

Frank
----- Original Message -----
From: g8lyv<mailto:g8lyv@...>
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Sent: Monday, December 18, 2006 9:28 AM
Subject: Re: [nrd-525-535] Re: 525 audio question

Frank,

Can you tell us what the part number of the Murata filter is?

I recall that the 535 had two versions of the NTK filter in the WIDE position, the CLFD6S and the the CLFD6. The latter was a nice sounding filter, the former, which was fitted to my 525, is horrible...and I am being polite!

Amazing that such a great RX attracted a bad name for audio quality, just for the want of a decent filter.

Kevin, G8LYV

----- Original Message -----
From: Franklin Cathell<mailto:fcathell@...>
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Sent: Monday, December 18, 2006 3:22 PM
Subject: Re: [nrd-525-535] Re: 525 audio question

Based on Les' info I checked the Kiwa site and then replaced the FL2 filter with a Murata 7 kHz filter I had in my filter bag. What an improvement in overall selectivity for AM particularly! The AUX position is now an acceptable 7 - 8 kHz "hifi" selectivity position with the WIDE looking like 5 kHz. For some reason the previous 525's I had were too narrow in the WIDE position for comfortable AM reception. The WIDE filter in this one seems to be OK. I also changed the three 0.47 uF tantalum electrolytic caps in the audio path to film caps and this did improve the audio even more (more crisp on highs). This is probably part of what the Kiwa audio mod do.

Frank
K3YAZ
Tucson

From: caladonia5560<mailto:caladonia5560@...>
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Sent: Sunday, December 17, 2006 1:38 PM
Subject: [nrd-525-535] Re: 525 audio question

I too have found that the stock filter in the "WIDE" position is too narrow (about 4.5 KHz) for comfortable listening with my NRD-525, although it is excellent for separating stations in crowded band conditions. The stock "AUX" position was much too wide to be useful. I have installed the KIWA Electronics Ultimate Rejection Filter (available for about $30 in kit form) which gives about 8 KHz bandwidth in the "AUX" position and is a very worthwhile improvement at low cost. My receiver is a fairly late model and hiss has never been a problem.

Les Layton
Las Vegas, NV

--- In nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>, "Frank Cathell" <fcathell@...> wrote:
>
> I just acquired my 3rd NRD-525 after selling the 2 previous ones some
> years back because both had poor quality audio and excessive circuit
> hiss. This recent one is a newer version (early 90's version) and has
> none of the hiss and very decent audio, even through the tiny internal
> speaker. Has anyone else experienced this? I always loved the
> receiver but grew weary of the audio and hiss on the previous ones.
> Needless to say I'm elated with this one.
>
> Thanks,
>
> Frank
> K3YAZ
> Tucson
>

Yahoo! Groups Links

1400. NRD extender board

Yahoo group: nrd-525-535
Date: 2006-12-21 03:33:48 UTC
From: Frank Cathell
Topic: 1400 Message: 1400

Where can I find the extender board necessary for getting to the alignment components in the 525. Can you order these from JRC or does someone have one I can "rent" for a few days?

Thanks,

Frank
K3YAZ
Tucson

1401. WTB: NRD-535D

Yahoo group: nrd-525-535
Date: 2006-12-24 02:23:13 UTC
From: kg4big
Topic: 1401 Message: 1401

Anyone have a JRC NRD-535D setting around that they would like to sell?

I would like to buy one. Please state condition & price shipped to me
in Georgetown , KY. 40324

Merry XMAS,

Ken KG4BIG

1402. Re: [nrd-525-535] WTB: NRD-535D

Yahoo group: nrd-525-535
Date: 2006-12-24 05:20:20 UTC
From: Franklin Cathell
Topic: 1401 Message: 1402

I repaired a NRD-535D a few years back for a friend and it was a superb receiver. He later offered it to me for $550 and I've regretted not taking it ever since.

Good luck!

Frank
K3YAZ
----- Original Message -----
From: kg4big<mailto:kg4big@...>
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Sent: Saturday, December 23, 2006 7:23 PM
Subject: [nrd-525-535] WTB: NRD-535D

Anyone have a JRC NRD-535D setting around that they would like to sell?

I would like to buy one. Please state condition & price shipped to me
in Georgetown , KY. 40324

Merry XMAS,

Ken KG4BIG

Yahoo! Groups Links

1403. Re: [nrd-525-535] WTB: NRD-535D

Yahoo group: nrd-525-535
Date: 2006-12-24 12:25:20 UTC
From: Kenneth Wilson
Topic: 1401 Message: 1403

I bet you do.

I have wanted one for a few years & just never got around to buying one.

I am not sure the 535 is "better" than the 525 but I still want one :)

Glad to hear you have picked up a nice 525. I really like mine. It is not a real late serial #. It is #48771 but seems to work really nice. The audio is good IMHO. One note on the audio. I really like the notch filter on the 525. I can use it like an audio filter. In USB I like the Passband control set to around 11:00 oclock & the notch set to just a little past 1:00 oclock.

Also, the AGC is abit agressive in SSB mode. So for static crashes I need to turn the AGC off & ride the RF Gain.

I have read about AGC mod's but they seem to be for AM only ???? Is that true? Seems kike the 535 has the same AGC problem?

Have you has any luck finding filters for the JRC receivers. I sure would like a CW filter for my 525. I guess I could use one of the Inrads??? but not sure how to do it. Any Tips would be very welcomed.

Merry XMAS Frank,

Ken
--- Franklin Cathell <fcathell@...> wrote:

> I repaired a NRD-535D a few years back for a friend
> and it was a superb receiver. He later offered it
> to me for $550 and I've regretted not taking it ever
> since.
>
> Good luck!
>
> Frank
> K3YAZ
> ----- Original Message -----
> From: kg4big<mailto:kg4big@...>
> To:

>
nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
>
> Sent: Saturday, December 23, 2006 7:23 PM
> Subject: [nrd-525-535] WTB: NRD-535D
>
>
> Anyone have a JRC NRD-535D setting around that
> they would like to sell?
>
> I would like to buy one. Please state condition &
> price shipped to me
> in Georgetown , KY. 40324
>
> Merry XMAS,
>
> Ken KG4BIG
>
>
>
>
> Yahoo! Groups Links
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>

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1404. Re: [nrd-525-535] WTB: NRD-535D

Yahoo group: nrd-525-535
Date: 2006-12-24 15:08:31 UTC
From: Franklin Cathell
Topic: 1401 Message: 1404

Merry Christmas Ken! I really like this NRD-525 after having 2 very "hissy" previous ones. I changed 3 of the electrolytic caps in the audio line with ceramic ones and that improved the audio clarity even more. Not as dramatic as it was with the FRG-100, however. With the JRC receivers using a 455 final IF, the Inrad filters should work fine. You would have to solder wires to the pins to wire them in but the pin-out is pretty standard on the filters. My so called 4 kHz filter is more like 5.5 kHz and has pretty "mushy" skirts. I may change this to a 3.8 kHz Murata I have. I also changed the upstream "roofing" filter to a Murata CFW455H (7 kHz approx) and it vastly improved the overall selectivity and made the straight AUX position more effective without much audio quality degradation. It will make the FM mode a bit muddy but who listens to FM?? I would like to get a 500 Hz CW filter for mine but put too much money in filters for the R-5000. I still like the R70 and didn't want to get rid of it so I sent it to a friend in Colorado to play with and he's told me not to expect it back! He has my old R-1000 and will probably send that back instead.

I too run the IF bandpass at about 11 o'clock. The IF notch is definitely a little more effective on interference rejection than the audio type notch which is what the R-5000 has. The latter, however, is much better in tailoring the audio and is a bit better on straight heterodyne interference.

Good luck on finding that 535D. A few of the "hard core" DXers seem to still prefer the 525 over the 535 for some reason. Have you tried the Drake R8 yet? I've had 3 and was largely unimpressed even though the audio was very decent.

Frank
Tucson (where it's been chilly lately!!)

----- Original Message -----
From: Kenneth Wilson<mailto:kg4big@...>
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Sent: Sunday, December 24, 2006 5:25 AM
Subject: Re: [nrd-525-535] WTB: NRD-535D

I bet you do.

I have wanted one for a few years & just never got
around to buying one.

I am not sure the 535 is "better" than the 525 but I
still want one :)

Glad to hear you have picked up a nice 525. I really
like mine. It is not a real late serial #. It is
#48771 but seems to work really nice. The audio is
good IMHO. One note on the audio. I really like the
notch filter on the 525. I can use it like an audio
filter. In USB I like the Passband control set to
around 11:00 oclock & the notch set to just a little

past 1:00 oclock.

Also, the AGC is abit agressive in SSB mode. So for
static crashes I need to turn the AGC off & ride the
RF Gain.

I have read about AGC mod's but they seem to be for AM
only ???? Is that true? Seems kike the 535 has the
same AGC problem?

Have you has any luck finding filters for the JRC
receivers. I sure would like a CW filter for my 525. I
guess I could use one of the Inrads??? but not sure
how to do it. Any Tips would be very welcomed.

Merry XMAS Frank,

Ken
--- Franklin Cathell <fcathell@...<mailto:fcathell@...>> wrote:

> I repaired a NRD-535D a few years back for a friend
> and it was a superb receiver. He later offered it
> to me for $550 and I've regretted not taking it ever
> since.
>
> Good luck!
>
> Frank
> K3YAZ
> ----- Original Message -----
> From: kg4big<mailto:kg4big@...<mailto:kg4big@...>>
> To:
>
nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogro
ups.com<mailto:nrd-525-535@...m>>
>
> Sent: Saturday, December 23, 2006 7:23 PM
> Subject: [nrd-525-535] WTB: NRD-535D
>
>
> Anyone have a JRC NRD-535D setting around that
> they would like to sell?
>
> I would like to buy one. Please state condition &
> price shipped to me
> in Georgetown , KY. 40324
>
> Merry XMAS,
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> Ken KG4BIG
>
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Yahoo! Groups Links

1405. display NRD-535 failure

Yahoo group: nrd-525-535
Date: 2007-01-01 12:29:06 UTC
From: wduiz
Topic: 1405 Message: 1405

Hello Group,

I have a problem with the display of a 535 SR 58495. Brightness is OK
but the horizontal lines on the top of all the 7 figures are lighting
up continuously. So for instance, a receiving frequency of 11.111.11
khz is shown as 77.777.77 khz.
Has anyone a solution for this problem?

Thanks.

Wytse.

1406. NRD-525 Noise Blanker Improvement

Yahoo group: nrd-525-535
Date: 2007-01-05 01:41:58 UTC
From: Frank Cathell
Topic: 1406 Message: 1406

Since the Russian over the horizon radar "woodpecker" is no longer a problem, the 525's noise blanker "wide" position is seemingly useless on my receiver for other noise types (ditto for other receivers with a wide position). I found that by changing C46, the capacitor on the IF Filter Board, from 10 nF down to 2 nF the "wide" position with the NB adjustment knob pulled out is quite useful now for SCR lamp dimmer noise and florescent lamp noise. This slightly wider position seems to do a better job on certain types of noise than the standard "narrow" position now. It's a fairly easy mod once you find C46.

By the way - thanks Ken Wilson for use of the extension board which made this experiment easier!

Frank
K3YAZ
Tucson, AZ

1407. NRD 535 and Drake R8A/B

Yahoo group: nrd-525-535
Date: 2007-01-20 20:40:55 UTC
From: Ari Kilponen
Topic: 1407 Message: 1407

Has anyone compared receivers JRC NRD-535 and Drake R8A or B? My current receiver is good and reliable 535 (since 1996) and I am absolutely not intending to sell it! But I heard some favorable comments regarding R8A/B. But what do you guys think about Drake? Is it equal to 535 (forget ergonomic opinions, please deal with reception of signals, especially on the AM band)? Planning to buy a 2nd receiver...

(arrived home today from a one-week DX pedition into Finnish Lapland - unfortunately conditions and DX results were mediocre due to unexpected high influence of the past coronal hole.)

1408. Re: [nrd-525-535] NRD 535 and Drake R8A/B

Yahoo group: nrd-525-535
Date: 2007-01-20 21:07:33 UTC
From: Franklin Cathell
Topic: 1407 Message: 1408

I have had several R8s (no As or Bs) and although they were decent receivers, I would take my NRD-525 or the Icom R75 over them any day. Not the quietest receivers I've had and more birdies and other funny noises than there should be for this grade of receiver. Personally, I even would take my old Icom R70 despite it's weird ergonomics over the R8s.

Frank
K3YAZ
Tucson
----- Original Message -----
From: Ari Kilponen<mailto:ari.kilponen@pp.inet.fi>
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Sent: Saturday, January 20, 2007 1:40 PM
Subject: [nrd-525-535] NRD 535 and Drake R8A/B

Has anyone compared receivers JRC NRD-535 and Drake R8A or B? My
current receiver is good and reliable 535 (since 1996) and I am
absolutely not intending to sell it! But I heard some favorable
comments regarding R8A/B. But what do you guys think about Drake? Is it
equal to 535 (forget ergonomic opinions, please deal with reception of
signals, especially on the AM band)? Planning to buy a 2nd receiver...

(arrived home today from a one-week DX pedition into Finnish Lapland -
unfortunately conditions and DX results were mediocre due to unexpected
high influence of the past coronal hole.)

Yahoo! Groups Links

1409. Re: NRD 535 and Drake R8A/B

Yahoo group: nrd-525-535
Date: 2007-01-21 20:40:14 UTC
From: flogger426
Topic: 1407 Message: 1409

--- In nrd-525-535@yahoogroups.com, "Franklin Cathell" <fcathell@...>
wrote:
>
> I have had several R8s (no As or Bs) and although they were decent
receivers, I would take my NRD-525 or the Icom R75 over them any day.
Not the quietest receivers I've had and more birdies and other funny
noises than there should be for this grade of receiver. Personally, I
even would take my old Icom R70 despite it's weird ergonomics over the
R8s.
>
> Frank
> K3YAZ
> Tucson
> ----- Original Message -----
> From: Ari Kilponen<mailto:ari.kilponen@...>
> To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
> Sent: Saturday, January 20, 2007 1:40 PM
> Subject: [nrd-525-535] NRD 535 and Drake R8A/B
>
>
> Has anyone compared receivers JRC NRD-535 and Drake R8A or B? My
> current receiver is good and reliable 535 (since 1996) and I am
> absolutely not intending to sell it! But I heard some favorable
> comments regarding R8A/B. But what do you guys think about Drake?
Is it
> equal to 535 (forget ergonomic opinions, please deal with
reception of
> signals, especially on the AM band)? Planning to buy a 2nd receiver...
>
> (arrived home today from a one-week DX pedition into Finnish
Lapland -
> unfortunately conditions and DX results were mediocre due to
unexpected
> high influence of the past coronal hole.)
>
>
>
>
> Yahoo! Groups Links
>

i have the complete opposite experience. i just sold my icom r70, r71a
and have tried the r75. in my opinion none of these receivers can
match the r8. the r8 is so much quieter and the audio is superb! i can
here weak dx on my r8 that the r71a or r70 could not bring above the

noise floor. granted build quality is better on the icom radios, especially the r71a and r70 they are built like tanks as is the jrc radios, but for pure performance the r8 line can't be beat. i have never owned a jrc radio, but one is in my future. i would love to compare.

1410. Re: [nrd-525-535] Re: NRD 535 and Drake R8A/B

Yahoo group: nrd-525-535
Date: 2007-01-21 21:01:42 UTC
From: gandalfg8@aol.com
Topic: 1407 Message: 1410

In a message dated 21/01/2007 20:46:13 GMT Standard Time,
flogger426@... writes:

i have the complete opposite experience. i just sold my icom r70, r71a
and have tried the r75. in my opinion none of these receivers can
match the r8. the r8 is so much quieter and the audio is superb! i can
here weak dx on my r8 that the r71a or r70 could not bring above the
noise floor. granted build quality is better on the icom radios,
especially the r71a and r70 they are built like tanks as is the jrc
radios, but for pure performance the r8 line can't be beat. i have
never owned a jrc radio, but one is in my future. i would love to compare.

Each to their own I guess:-)

I think the 535 is a superb radio and would never part with mine, nor my R70
or R71 either, although, in default mode, I actually think the R70 is better
than the R71....
it certainly has better filter options as standard.

Having owned "proper" Drakes such as the MSR2, TR7, and SPR4 etc, I find it
hard to take the R8 seriously.

Hearing weak DX is only part of the story, if you can hear weak DX on 7MHz
in Europe or the UK, when all sorts of broadcast s**t is hitting the fan, then
that's special.

The R8 is ok, the 535 blows it away.

regards

Nigel
GM8PZR

1411. Re: [nrd-525-535] Re: NRD 535 and Drake R8A/B

Yahoo group: nrd-525-535
Date: 2007-01-22 02:04:39 UTC
From: john ferro
Topic: 1407 Message: 1411

can't comment on the NRD 535 as i have never owned a JRC radio. a 525 or 535 will be my next purchase and i'm getting alot of great info here. as for the r71a and the r70 the r8 is in a class above these radios as far as i'm concerned. the r71a is a hiss box - the r70 a bit better - also both radios suffer from poor audio. i do have a friend who bought a NRD-545 new - kept it for 2 months then it went out the door - he still has his r8b though. he said the build quality was awesome on the 545, but performance wasn't worth the $1600.00.

>From: gandalfg8@...
>Reply-To: nrd-525-535@yahoogroups.com
>To: nrd-525-535@yahoogroups.com
>Subject: Re: [nrd-525-535] Re: NRD 535 and Drake R8A/B
>Date: Sun, 21 Jan 2007 16:01:42 EST
>
>
>In a message dated 21/01/2007 20:46:13 GMT Standard Time,
>flogger426@... writes:
>
>i have the complete opposite experience. i just sold my icom r70, r71a
>and have tried the r75. in my opinion none of these receivers can
>match the r8. the r8 is so much quieter and the audio is superb! i can
>here weak dx on my r8 that the r71a or r70 could not bring above the
>noise floor. granted build quality is better on the icom radios,
>especially the r71a and r70 they are built like tanks as is the jrc
>radios, but for pure performance the r8 line can't be beat. i have
>never owned a jrc radio, but one is in my future. i would love to compare.
>
>
>----------
>
>Each to their own I guess:-)
>
>I think the 535 is a superb radio and would never part with mine, nor my
>R70
>or R71 either, although, in default mode, I actually think the R70 is
>better
>than the R71....
>it certainly has better filter options as standard.
>
>Having owned "proper" Drakes such as the MSR2, TR7, and SPR4 etc, I find
>it
>hard to take the R8 seriously.
>
>Hearing weak DX is only part of the story, if you can hear weak DX on 7MHz

>in Europe or the UK, when all sorts of broadcast s**t is hitting the fan,
>then
>that's special.
>
>The R8 is ok, the 535 blows it away.
>
>regards
>
>Nigel
>GM8PZR
>
>
>
>
>

_____
Invite your Hotmail contacts to join your friends list with Windows Live
Spaces
http://clk.atdmt.com/MSN/go/msnnkwsp0070000001msn/direct/01/?href=http://spaces.live.com/spacesapi.aspx?wx_action=create&wx_url=/friends.aspx&mkt=en-us

1412. Re: NRD 535 and Drake R8A/B

Yahoo group: nrd-525-535
Date: 2007-01-27 18:17:39 UTC
From: rhblumeng
Topic: 1407 Message: 1412

--- In nrd-525-535@yahoogroups.com, gandalfg8@... wrote:

> Each to their own I guess:-)
>
> I think the 535 is a superb radio and would never part with mine,
nor my R70
> or R71 either, although, in default mode, I actually think the R70
is better
> than the R71....
> it certainly has better filter options as standard.
>
> Having owned "proper" Drakes such as the MSR2, TR7, and SPR4 etc, I
find it
> hard to take the R8 seriously.
>
> Hearing weak DX is only part of the story, if you can hear weak DX
on 7MHz
> in Europe or the UK, when all sorts of broadcast s**t is hitting the
fan, then
> that's special.
>
> The R8 is ok, the 535 blows it away.
>
> regards
>
> Nigel
> GM8PZR
>
Hi Nigel -

Have you made any of the Kiwa style mods on your 535?

Have you tried a softrock connected to the IF?

Bob

1413. Re: [nrd-525-535] Re: NRD 535 and Drake R8A/B

Yahoo group: nrd-525-535
Date: 2007-01-28 21:53:00 UTC
From: gandalfg8@aol.com
Topic: 1407 Message: 1413

In a message dated 27/01/2007 18:20:18 GMT Standard Time,
rblum@... writes:

Hi Nigel -

Have you made any of the Kiwa style mods on your 535?

Have you tried a softrock connected to the IF?

Bob

Hi Bob

I've not done any of the Kiwa Mods but did carry out the Lowe Mods, from a dealer here in the UK.

These involved some changes to the ECSS board to improve the lock range, not sure if it made much difference but seems ok to me....

An additional crystal filter, fitting was a pain as it wasn't an exact physical match for the JRC filters, but again worked ok....

And an audio power amp mod plus PSU enhancements.

I fitted the audio module but stopped short of the extra PSU caps as I wasn't happy with the mechanical arrangements for the larger caps.

I also updated the Eproms, although probably out of date again now.

I did these because I could, rather than because of a desparate need, I like the set as it comes anyway.

I bought my 535 new and converted it over time to a 535D, BW control board and ECSS module, plus that extra filter, and think it's great.
I added the RTTY decoder too, but again because I could rather than because I needed it:-)

Computer control has always been "ok" but not a lot more, lack of proper handshaking limits it, but it works ok most of the time.

I've only built one of my softrocks so far, for 80/40 metres, but do plan to have one, at least, eventually as a universal IF.

I also have a bank of four WR313s in this PC and see those as possible IF interfaces too.
Until I move again shortly, and the 535 plus everything else comes out of storage, I have many more future plans than answers:-)

BTW...
I may owe a significant apology to R8 owners....
I think I was confusing it with the SW8.
Whoops:-)

Nigel
GM8PZR

1414. Re: NRD 535 and Drake R8A/B

Yahoo group: nrd-525-535
Date: 2007-01-29 17:03:04 UTC
From: rhblumeng
Topic: 1407 Message: 1414

--- In nrd-525-535@yahoogroups.com, gandalfg8@... wrote:

> Hi Bob
>
> I've not done any of the Kiwa Mods but did carry out the Lowe Mods,
from a
> dealer here in the UK.
>
> These involved some changes to the ECSS board to improve the lock
range, not
> sure if it made much difference but seems ok to me....
>
> An additional crystal filter, fitting was a pain as it wasn't an exact
> physical match for the JRC filters, but again worked ok....
>
> And an audio power amp mod plus PSU enhancements.
>
> I fitted the audio module but stopped short of the extra PSU caps as I
> wasn't happy with the mechanical arrangements for the larger caps.
>
> I also updated the Eproms, although probably out of date again now.
>
> I did these because I could, rather than because of a desparate
need, I like
> the set as it comes anyway.
>
> I bought my 535 new and converted it over time to a 535D, BW control
board
> and ECSS module, plus that extra filter, and think it's great.
> I added the RTTY decoder too, but again because I could rather than
because
> I needed it:-)
>
> Computer control has always been "ok" but not a lot more, lack of
proper
> handshaking limits it, but it works ok most of the time.
>
> I've only built one of my softrocks so far, for 80/40 metres, but do
plan to
> have one, at least, eventually as a universal IF.
>
> I also have a bank of four WR313s in this PC and see those as
possible IF
> interfaces too.
> Until I move again shortly, and the 535 plus everything else comes

out of
> storage, I have many more future plans than answers:-)
>
> BTW...
> I may owe a significant apology to R8 owners....
> I think I was confusing it with the SW8.
> Whoops:-)
>
> Nigel
> GM8PZR
>

Hi Nigel -

How do you feel about the 313 vs the 535??

Bob

1415. Re: [nrd-525-535] Re: NRD 535 and Drake R8A/B

Yahoo group: nrd-525-535
Date: 2007-01-29 19:41:27 UTC
From: gandalfg8@aol.com
Topic: 1407 Message: 1415

In a message dated 29/01/2007 17:10:10 GMT Standard Time,
rblum@... writes:

How do you feel about the 313 vs the 535??

With the 535 in storage I've not been able to make a direct comparison so passing judgement would be a bit unfair but I would expect that the 535 is probably the better RF performer.

However, at the moment I prefer the 313 to just about everything but that's based on the complete hardware/software package rather than because it's necessarily technically superior.

This applies to receivers such as the Cubic 3030 as well as the 535 even though I know the 313 is never going to match the 3030 in terms of RF performance.
That's not to imply though that the 313 is mediocre, it performs well but I wouldn't be foolish enough to claim it's going to match tens of thousands of dollars worth of military radio.

Operating the 313 from the PC, with it's spectrum display and integrated DSP filters etc, is a completely different experience from operating a "normal" radio, such as the 535, either standalone or under computer control.
For me, at the moment anyway, the functionality of the whole 313 package still leaves me gobsmacked.
The ability to see weak signals just above noise on the spectrum display is just one feature that needs to be tried to be fully appreciated.

Adding a softrock to the 535 as an IF processor would provide similar facilities, something I intend to try as I said before, but having the whole control interface in one on screen package will still take some beating.

Having said that, I haven't sold out compeletely, with most everything stored I've also really missed just tuning around with a "proper" radio so I don't think my 535 will be pensioned off just yet:-)

It really is one of those areas where you need to try the options for yourself if at all possible.
Other's opinions will have some value, perhaps even mine at times:-), but what suits me may not suit you and I know several folks who just can't get on with computer control of radios in any shape or form.

The 313 is special in its own way but so is the 535 and I wouldn't want to part with either.

regards

Nigel
GM8PZR

1416. Re: NRD 535 and Drake R8A/B

Yahoo group: nrd-525-535
Date: 2007-01-29 23:09:37 UTC
From: rhblumeng
Topic: 1407 Message: 1416

--- In nrd-525-535@yahoogroups.com, gandalfg8@... wrote:

> However, at the moment I prefer the 313 to just about everything but
that's
> based on the complete hardware/software package rather than because
it's
> necessarily technically superior.

> Operating the 313 from the PC, with it's spectrum display and
integrated DSP
> filters etc, is a completely different experience from operating a
"normal"
> radio, such as the 535, either standalone or under computer control.
> For me, at the moment anyway, the functionality of the whole 313
package
> still leaves me gobsmacked.
> The ability to see weak signals just above noise on the spectrum
display is
> just one feature that needs to be tried to be fully appreciated.

John Bryant (313) and Guy Atkins (SDR 1000) have come to similar
conclusions.

> Adding a softrock to the 535 as an IF processor would provide similar
> facilities, something I intend to try as I said before, but having
the whole
> control interface in one on screen package will still take some beating.

Yes, although one could still do all from a screen if a program for
the 535 were added. Or maybe two screens. Maybe it was you a month
or so ago telling me about how nice two displays worked on these things?

> It really is one of those areas where you need to try the options for
> yourself if at all possible.
> Other's opinions will have some value, perhaps even mine at
times:-), but
> what suits me may not suit you and I know several folks who just
can't get on
> with computer control of radios in any shape or form.

Not only that, but different locations can put another whole set of
variables into the mix.
Nice to "talk" to you again. Bob
> The 313 is special in its own way but so is the 535 and I wouldn't
want to
> part with either.
>

> regards
>
> Nigel
> GM8PZR
>

1417. Re: [nrd-525-535] Re: NRD 535 and Drake R8A/B

Yahoo group: nrd-525-535
Date: 2007-01-30 09:52:25 UTC
From: gandalfg8@aol.com
Topic: 1407 Message: 1417

In a message dated 29/01/2007 23:12:55 GMT Standard Time,
rblum@... writes:

Yes, although one could still do all from a screen if a program for
the 535 were added. Or maybe two screens. Maybe it was you a month
or so ago telling me about how nice two displays worked on these things?

LOL

Yes it was, although with a cramped desk until I move again one monitor is stored and I'd forgotten how good that was:-)

The twin screens are certainly a bonus for monitoring whilst doing other work but I'm sure it should be possible to run a 535 control program plus separate DSP processing on a single screen.
My comment was more directed to the desirability of having it all within the single software package.

However, the more I think about this the more I come back to "horses for courses".
Whilst it's great having the 313s in the PC it's also great to have radios that don't need a computer to function.
PC control of a plug in card or a black box is one thing but it's never felt quite right having my 535 sitting untouched on the desk while operating it from a PC sitting on the same desk.

With a good "real" radio there's a pleasure that comes from just using it and the feel of the controls, as well as the results, and that's something PC control can't provide.

I will be experimenting with DSP back ends on the 535, and other receivers, just because I can, and because, from a purely technical point of view, I want to see what can be achieved but don't see that arrangement replacing the 313 any more than I see the 313 replacing the 535.

In the long term I can still see my 535 on the desk as something to enjoy with the 313s inside their PC perhaps more as functional tools and as much test gear as radios.

9KHz to 30 Mhz spectrum analyser anyone?:-)

regards

Nigel
GM8PZR

1418. NRD 525 Freq/ Channel switching

Yahoo group: nrd-525-535
Date: 2007-01-31 13:53:28 UTC
From: kg4big
Topic: 1418 Message: 1418

Hello Group,

I have a question.

Is there a diode or some mod that will allow me to switch from Freq mode to channel mode...then back to Freq mode & still have the freq I was tuned to before I switched to Channel mode ????

Seems like the 535 had a diode you could cut??? Maybe the 525 does as well?

Sure would be nice to have this feature as it would be like a VFO A - B.

73, Ken KG4BIG

1419. Re: [nrd-525-535] NRD 525 Freq/ Channel switching

Yahoo group: nrd-525-535
Date: 2007-01-31 22:57:15 UTC
From: Franklin Cathell
Topic: 1418 Message: 1419

I totally agree Ken. I'll have to look at my schematic more closely. I'd love to be able to do this.

Frank
Tucson
----- Original Message -----
From: kg4big<mailto:kg4big@...>
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Sent: Wednesday, January 31, 2007 6:53 AM
Subject: [nrd-525-535] NRD 525 Freq/ Channel switching

Hello Group,

I have a question.

Is there a diode or some mod that will allow me to switch from Freq mode to channel mode...then back to Freq mode & still have the freq I was tuned to before I switched to Channel mode ????

Seems like the 535 had a diode you could cut??? Maybe the 525 does as well?

Sure would be nice to have this feature as it would be like a VFO A - B.

73, Ken KG4BIG

Yahoo! Groups Links

1420. Re: NRD 525 Freq/ Channel switching

Yahoo group: nrd-525-535
Date: 2007-02-01 14:28:45 UTC
From: Paul Lannuier
Topic: 1418 Message: 1420

--- In nrd-525-535@yahoogroups.com, "kg4big" <kg4big@...> wrote:

> Is there a diode or some mod that will allow me to switch from Freq
> mode to channel mode...then back to Freq mode & still have the freq I
> was tuned to before I switched to Channel mode ????
>
> Seems like the 535 had a diode you could cut??? Maybe the 525 does as
> well?

Nope. That feature was added to the NRD-535's firmware late in the
design process. The NRD-525 never had it.

73,
Paul WW2PT

1421. Re: [nrd-525-535] Re: NRD 525 Freq/ Channel switching

Yahoo group: nrd-525-535
Date: 2007-02-01 15:15:06 UTC
From: Kenneth Wilson
Topic: 1418 Message: 1421

Thanks Paul.

--- Paul Lannuier <paul@...> wrote:

> --- In nrd-525-535@yahoogroups.com, "kg4big"
> <kg4big@...> wrote:
>
> > Is there a diode or some mod that will allow me to
> switch from Freq
> > mode to channel mode...then back to Freq mode &
> still have the freq I
> > was tuned to before I switched to Channel mode
> ????
> >
> > Seems like the 535 had a diode you could cut???
> Maybe the 525 does as
> > well?
>
> Nope. That feature was added to the NRD-535's
> firmware late in the
> design process. The NRD-525 never had it.
>
> 73,
> Paul WW2PT
>
>

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1422. WTB JRC NRD 535 BWC 243W and CMF-78 units

Yahoo group: nrd-525-535
Date: 2007-02-02 17:40:53 UTC
From: fresnomanuel
Topic: 1422 Message: 1422

Hi, I need a CFL-243W and CMF-78 units for my NRD 535 receivers. It is possible to find them today ? Thanks, Manuel

1423. CFL Xtal Filters

Yahoo group: nrd-525-535
Date: 2007-02-17 17:24:13 UTC
From: kg4big
Topic: 1423 Message: 1423

Hello Group,

I have read that the Kenwood YG455 series of Xtal filters are the
"same" as the CFL series of JRC filters.

Does anyone know if this is true?

If so, it would make getting a CW filter much easier & less expensive.

73, Ken KG4BIG

1424. Re: [nrd-525-535] CFL Xtal Filters

Yahoo group: nrd-525-535
Date: 2007-02-17 19:01:42 UTC
From: QRV
Topic: 1423 Message: 1424

You can see here YF455 filters :

http://perso.orange.fr/geip/filtres.htm#foption

73
----- Original Message -----
From: kg4big
To: nrd-525-535@yahoogroups.com
Sent: Saturday, February 17, 2007 6:24 PM
Subject: [nrd-525-535] CFL Xtal Filters

Hello Group,

I have read that the Kenwood YG455 series of Xtal filters are the
"same" as the CFL series of JRC filters.

Does anyone know if this is true?

If so, it would make getting a CW filter much easier & less expensive.

73, Ken KG4BIG

Yahoo! Groups Links

1425. filter

Yahoo group: nrd-525-535
Date: 2007-02-21 01:15:24 UTC
From: hp072269
Topic: 1425 Message: 1425

Hello all.

I've installed icom FL257, BW3.3, to my 525.
Very nice for AM mode and manual ECSS.

The space of cage is limited, tight, it was not so easy.
It was a kind of challenge.
I made an aluminum spacer for this purpose using 1 mm thickness
aluminum board.
FL257 is fixed to the spacer using its legs.
The spacer is fixed, screwed, the PCB's original screw hole,
narrow slot's left one and wide slot's right one.
I used "3mm" screws to attach the spacer to PCB's "original" holes.
Also, I use velco, 1mm thickness, to adjust the spacer's height.
FL257 was connected to the narrow slot using thin wire.
Of course, when I use this filter "narr" sign is lit.

GTO

1426. Re: [nrd-525-535] filter

Yahoo group: nrd-525-535
Date: 2007-02-21 01:41:44 UTC
From: Kenneth Wilson
Topic: 1425 Message: 1426

That is the kind of info I was looking for.

I want a 2.8 - 3.0 xtal filter.

73, Ken

--- hp072269 <gotou@...-u.ac.jp> wrote:

> Hello all.
>
> I've installed icom FL257, BW3.3, to my 525.
> Very nice for AM mode and manual ECSS.
>
> The space of cage is limited, tight, it was not so
> easy.
> It was a kind of challenge.
> I made an aluminum spacer for this purpose using 1
> mm thickness
> aluminum board.
> FL257 is fixed to the spacer using its legs.
> The spacer is fixed, screwed, the PCB's original
> screw hole,
> narrow slot's left one and wide slot's right one.
> I used "3mm" screws to attach the spacer to PCB's
> "original" holes.
> Also, I use velco, 1mm thickness, to adjust the
> spacer's height.
> FL257 was connected to the narrow slot using thin
> wire.
> Of course, when I use this filter "narr" sign is
> lit.
>
>
> GTO
>
>

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Browse Top Cars by "Green Rating" at Yahoo! Autos' Green Center.
http://autos.yahoo.com/green_center/

1427. Re: filter

Yahoo group: nrd-525-535
Date: 2007-02-21 02:23:21 UTC
From: hp072269
Topic: 1425 Message: 1427

Hello ken.

I think there is an icom xtal bw2.8, 455kHz, but not sure.
If even so, I think instalation is ,phsically, not so easy.
Also, you can check the info on "universal radio, R75 option
section " or inrad site.
I ues inrad's 2.8bw, 455 KHz, Xtal for ar7030.

GTO

--- In nrd-525-535@yahoogroups.com, Kenneth Wilson <kg4big@...>
wrote:
>
> That is the kind of info I was looking for.
>
> I want a 2.8 - 3.0 xtal filter.
>
> 73, Ken
>
> --- hp072269 <gotou@...> wrote:
>
> > Hello all.
> >
> > I've installed icom FL257, BW3.3, to my 525.
> > Very nice for AM mode and manual ECSS.
> >
> > The space of cage is limited, tight, it was not so
> > easy.
> > It was a kind of challenge.
> > I made an aluminum spacer for this purpose using 1
> > mm thickness
> > aluminum board.
> > FL257 is fixed to the spacer using its legs.
> > The spacer is fixed, screwed, the PCB's original
> > screw hole,
> > narrow slot's left one and wide slot's right one.
> > I used "3mm" screws to attach the spacer to PCB's
> > "original" holes.
> > Also, I use velco, 1mm thickness, to adjust the
> > spacer's height.
> > FL257 was connected to the narrow slot using thin
> > wire.
> > Of course, when I use this filter "narr" sign is
> > lit.
> >
> >

> > GTO
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> Looking for earth-friendly autos?
> Browse Top Cars by "Green Rating" at Yahoo! Autos' Green Center.
> http://autos.yahoo.com/green_center/
>

1428. NRD-525 Review

Yahoo group: nrd-525-535
Date: 2007-02-21 04:06:49 UTC
From: Andy Bown
Topic: 1428 Message: 1428

Hi everyone

I'm new to this group but have the chance to purchase a 1991, one-owner, NRD-525 in what looks like almost perfect condition.

I was wondering if anyone knows of any reviews of the NRD-525 that can be found on the 'Net or if anyone could possibly scan an old Passport or WRTH review. I have an Icom R71E and an FRG-100 and was about to buy an R75, but am now tempted by this chance to buy a JRC.

Has anyone compared the 525 with the R75?

Thanks

Andy

1429. Re: NRD-525 Review

Yahoo group: nrd-525-535
Date: 2007-02-21 04:18:35 UTC
From: Jim Hackett
Topic: 1428 Message: 1429

I have both radios and while they are both excellent performers, I prefer the R-75. I don't think the manual notch filter on the 525 is as good as the automatic notch filter of the R-75. The 525 doesn't have a noise reduction circuit either. They are both great at pulling a signal out of the mud...

--- In nrd-525-535@yahoogroups.com, "Andy Bown" <a_bown@...> wrote:
>
> Hi everyone
>
> I'm new to this group but have the chance to purchase a 1991, one-
> owner, NRD-525 in what looks like almost perfect condition.
>
> I was wondering if anyone knows of any reviews of the NRD-525 that
can
> be found on the 'Net or if anyone could possibly scan an old
Passport
> or WRTH review. I have an Icom R71E and an FRG-100 and was about
to buy
> an R75, but am now tempted by this chance to buy a JRC.
>
> Has anyone compared the 525 with the R75?
>
> Thanks
>
> Andy
>

1430. Re: [nrd-525-535] NRD-525 Review

Yahoo group: nrd-525-535
Date: 2007-02-21 05:35:44 UTC
From: Franklin Cathell
Topic: 1428 Message: 1430

Andy - I've had both receivers and they are both excellent, but at this point I think it becomes more of a personal "taste" matter. I tend to like the 525's manual notch because I'm a "knobulator" and the 525 has plenty of knobs and the R75 doesn't. Despite being probably the best overall receiver I've had, the R75 was an utterly boring receiver to play with. Also I'd sure hate to repair a broken one due the extremely small surface mount components. In terms of "feel" I would have to rate the NRD-525, the Kenwood R-5000 and the Icom R70 as on top (yeah, I did say R70 despite it's annoying tuning idiosyncracies!) They are all excellent DX machines. The R-5000 is by far the quietest receiver I've had.

Frank
K3YAZ
Tucson
----- Original Message -----
From: Andy Bown<mailto:a_bown@...>
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Sent: Tuesday, February 20, 2007 9:06 PM
Subject: [nrd-525-535] NRD-525 Review

Hi everyone

I'm new to this group but have the chance to purchase a 1991, one-owner, NRD-525 in what looks like almost perfect condition.

I was wondering if anyone knows of any reviews of the NRD-525 that can be found on the 'Net or if anyone could possibly scan an old Passport or WRTH review. I have an Icom R71E and an FRG-100 and was about to buy an R75, but am now tempted by this chance to buy a JRC.

Has anyone compared the 525 with the R75?

Thanks

Andy

Yahoo! Groups Links

1431. NRD-515

Yahoo group: nrd-525-535
Date: 2007-02-21 09:39:39 UTC
From: Cedric
Topic: 1317 Message: 1431

Hello,
I know that this newsgroup is not about the old NRD-515 but I've just bought one and I'm looking for a user manual, ideally as pdf. If anybody could help me I'll appreciate...

Regards,
Cedric HB9HFN

1432. Re: [nrd-525-535] NRD-515

Yahoo group: nrd-525-535
Date: 2007-02-21 10:23:02 UTC
From: Mikewhiskyone@aol.com
Topic: 1317 Message: 1432

HI, MAYBE NOT TOO OFF TOPIC, IF ANYONE HAS A COPY AVAILABLE, i WOULD LOVE ONE TOO, been looking for ages, Dave.

1433. Re: [nrd-525-535] NRD-515

Yahoo group: nrd-525-535
Date: 2007-02-21 13:15:11 UTC
From: David Ross
Topic: 1317 Message: 1433

Hello Cedric

If you receive a .pdf or another format of the NRD515 owners manual please send it to me as I have also been looking for one.

If you need a printed manual:

http://www.universal-radio.com/catalog/commrxvr/nrd515.html

I have the .pdf NRD515 Brochure as well as a .pdf of several modifications if you are interested.

73

David

On 02/21/2007 4:39 AM, "Cedric" <ml@...> wrote:

> Hello,
> I know that this newsgroup is not about the old NRD-515 but I've just
> bought one and I'm looking for a user manual, ideally as pdf. If anybody
> could help me I'll appreciate...
>
> Regards,
> Cedric HB9HFN
>
>
>
>
> Yahoo! Groups Links
>
>
>
>

1434. Re: NRD-525 Review

Yahoo group: nrd-525-535
Date: 2007-02-21 16:47:23 UTC
From: rhblumeng
Topic: 1428 Message: 1434

--- In nrd-525-535@yahoogroups.com, "Andy Bown" <a_bown@...> wrote:
>
> Hi everyone
>
> I'm new to this group but have the chance to purchase a 1991, one-
> owner, NRD-525 in what looks like almost perfect condition.
>
> I was wondering if anyone knows of any reviews of the NRD-525 that can
> be found on the 'Net or if anyone could possibly scan an old Passport
> or WRTH review. I have an Icom R71E and an FRG-100 and was about to buy
> an R75, but am now tempted by this chance to buy a JRC.
>
> Has anyone compared the 525 with the R75?
>
> Thanks
>
> Andy
>
Andy -

Try this:

http://www.kongsfjord.no/dl/NRD-525/NRD%20525%20technical%20review%20(wm).pdf

You can reach this as well as mod info at the "home" address of:

http://www.kongsfjord.no/

select Dallas Files on the left and then scroll down to the various
525 files.

Hope that helps, Bob

1435. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2007-02-21 18:26:56 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 1435

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /NRD-525_PR.pdf
Uploaded by : daddeldu29 <dg3al@...>
Description : NRD-525 Product Review from QST 07/1988

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/NRD-525_PR.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

daddeldu29 <dg3al@...>

1436. Re: [nrd-525-535] NRD-515

Yahoo group: nrd-525-535
Date: 2007-02-22 10:37:06 UTC
From: Cedric
Topic: 1317 Message: 1436

Hello David,
I've already found the brochure and other technical docs but i'm still
missing the user manual. Thanks for your help...

Yesterday I tested the 515 and it worked like a charm. The only thing I
don't like is the manual preselector for the band range 600 kHz - 1600
kHz that need to be set almost every time you change the frequency, even
a few kHz.

Regards,
Cedric

David Ross a ?crit :
> Hello Cedric
>
> If you receive a .pdf or another format of the NRD515 owners manual please
> send it to me as I have also been looking for one.
>
> If you need a printed manual:
>
> http://www.universal-radio.com/catalog/commrxvr/nrd515.html
>
> I have the .pdf NRD515 Brochure as well as a .pdf of several modifications
> if you are interested.
>
> 73
>
> David
>
>
> On 02/21/2007 4:39 AM, "Cedric" <ml@...> wrote:
>
>
>> Hello,
>> I know that this newsgroup is not about the old NRD-515 but I've just
>> bought one and I'm looking for a user manual, ideally as pdf. If anybody
>> could help me I'll appreciate...
>>
>> Regards,
>> Cedric HB9HFN
>>
>>

1437. Re: NRD-525 Review

Yahoo group: nrd-525-535
Date: 2007-02-22 20:03:00 UTC
From: Andy Bown
Topic: 1428 Message: 1437

Hi

Thanks everyone for your replies to my query. Unfortunately the guy has sold his 525 so I've missed out on this one. I may keep my eyes open however, although I may decide to go with a brand new R75 before stocks run out.

Cheers

Andy

--- In nrd-525-535@yahoogroups.com, "rhblumeng" <rblum@...> wrote:
>
> --- In nrd-525-535@yahoogroups.com, "Andy Bown" <a_bown@> wrote:
> >
> > Hi everyone
> >
> > I'm new to this group but have the chance to purchase a 1991, one-
> > owner, NRD-525 in what looks like almost perfect condition.
> >
> > I was wondering if anyone knows of any reviews of the NRD-525
that can
> > be found on the 'Net or if anyone could possibly scan an old
Passport
> > or WRTH review. I have an Icom R71E and an FRG-100 and was about
to buy
> > an R75, but am now tempted by this chance to buy a JRC.
> >
> > Has anyone compared the 525 with the R75?
> >
> > Thanks
> >
> > Andy
> >
> Andy -
>
> Try this:
>
> http://www.kongsfjord.no/dl/NRD-525/NRD%20525%20technical%20review%
20(wm).pdf
>
> You can reach this as well as mod info at the "home" address of:
>
> http://www.kongsfjord.no/
>
> select Dallas Files on the left and then scroll down to the various

> 525 files.
>
> Hope that helps, Bob
>

1438. NRD 525 production date by Serial number question

Yahoo group: nrd-525-535
Date: 2007-02-23 04:25:35 UTC
From: ak7dx
Topic: 1438 Message: 1438

How do you determine month and year of production by serial numbers on the NRD-525?

1439. Re: [nrd-525-535] NRD 525 production date by Serial number question

Yahoo group: nrd-525-535
Date: 2007-02-23 12:51:03 UTC
From: Kenneth Wilson
Topic: 1438 Message: 1439

Very good question. I wish I Knew the answer.

Maybe Mr. Paul Lannuier can shed some light on this ?

73, Ken

--- ak7dx <bfdp1@...> wrote:

> How do you determine month and year of production
> by serial numbers on
> the NRD-525?
>
>
>
>

No need to miss a message. Get email on-the-go
with Yahoo! Mail for Mobile. Get started.
http://mobile.yahoo.com/mail

1440. Re: NRD 525 production date by Serial number question

Yahoo group: nrd-525-535
Date: 2007-02-23 14:19:55 UTC
From: Paul Lannuier
Topic: 1438 Message: 1440

Sorry, I have no serial number records for the 525. There is no way to
determine a build date from the serial number itself, it is just a number.

73,
Paul WW2PT

> Very good question. I wish I Knew the answer.
>
> Maybe Mr. Paul Lannuier can shed some light on this ?
>
> 73, Ken

1441. Re: NRD-515

Yahoo group: nrd-525-535
Date: 2007-02-23 14:26:51 UTC
From: Paul Lannuier
Topic: 1317 Message: 1441

--- In nrd-525-535@yahoogroups.com, "Mike Maghakian" <mmaghakian@...>
wrote:
>
> is anyone aware of how I can get or make the coupler to allow the
> memory unit and controller to be used at the same time on my 515 ?

Mike: My NCM-515 controller (or was it the memory unit??? I forget...)
came with an adapter that breaks out the single connector on the back
of the radio into two connectors, one for each unit to allow them to
be used together.

73,
Paul WW2PT

1442. KIWA Mods on the 525

Yahoo group: nrd-525-535
Date: 2007-02-23 14:30:40 UTC
From: kg4big
Topic: 1442 Message: 1442

Does replacing FL2 with a narrower filter.....such as the KIWA Ultimate Rejection Filter Upgrade & the Ultimate Rejection Inductor Upgrade..... have a negative impact on the Narrow Noise Blanker?

Also does the KIWA AGC mode only effect AM mode & not the others?

73, Ken

1443. RE: [nrd-525-535] KIWA Mods on the 525

Yahoo group: nrd-525-535
Date: 2007-02-23 19:11:10 UTC
From: Franklin Cathell
Topic: 1442 Message: 1443

Ken - the Kiwa untimate filter upgrade will not affect the NB because the NB sensing is just before the filter rather than after.

Frank
K3YAZ
Tucson

>From: "kg4big" <kg4big@...>
>Reply-To: nrd-525-535@yahoogroups.com
>To: nrd-525-535@yahoogroups.com
>Subject: [nrd-525-535] KIWA Mods on the 525
>Date: Fri, 23 Feb 2007 14:30:40 -0000
>
>Does replacing FL2 with a narrower filter.....such as the KIWA
>Ultimate Rejection Filter Upgrade & the Ultimate Rejection Inductor
>Upgrade..... have a negative impact on the Narrow Noise Blanker?
>
>Also does the KIWA AGC mode only effect AM mode & not the others?
>
>73, Ken
>
>
>
>
>
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>

1444. RE: [nrd-525-535] KIWA Mods on the 525

Yahoo group: nrd-525-535
Date: 2007-02-23 19:23:18 UTC
From: Kenneth Wilson
Topic: 1442 Message: 1444

Thanks Frank.

I picked up a very late model 525. Serial # 52xxx.

I was thinking of getting all of the KIWA mods except
the tone tilt as I run the audio out of the Line out
to a seperat audio amp/speaker combo.... so the Tone
Tilt would not work. Or I should say I do not think it
would work.

73,
Ken

--- Franklin Cathell <fcathell@...> wrote:

> Ken - the Kiwa untimate filter upgrade will not
> affect the NB because the NB
> sensing is just before the filter rather than after.
>
> Frank
> K3YAZ
> Tucson
>
>
> >From: "kg4big" <kg4big@...>
> >Reply-To: nrd-525-535@yahoogroups.com
> >To: nrd-525-535@yahoogroups.com
> >Subject: [nrd-525-535] KIWA Mods on the 525
> >Date: Fri, 23 Feb 2007 14:30:40 -0000
> >
> >Does replacing FL2 with a narrower filter.....such
> as the KIWA
> >Ultimate Rejection Filter Upgrade & the Ultimate
> Rejection Inductor
> >Upgrade..... have a negative impact on the Narrow
> Noise Blanker?
> >
> >Also does the KIWA AGC mode only effect AM mode &
> not the others?
> >
> >73, Ken
> >
> >
> >
> >
> >

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>

Don't pick lemons.
See all the new 2007 cars at Yahoo! Autos.
http://autos.yahoo.com/new_cars.html

1445. Same question on 535D serial number

Yahoo group: nrd-525-535
Date: 2007-02-24 02:51:18 UTC
From: ak7dx
Topic: 1445 Message: 1445

Can you tell date of manufactuer by 635D serial numbers>

73

JM
Boise, Idaho

1446. WTB: JRC 535

Yahoo group: nrd-525-535
Date: 2007-02-26 18:42:24 UTC
From: Rick Te
Topic: 1446 Message: 1446

Hello group. I'm new here and wants to buy a nice and excellent JRC 535. Please let me know what you have and the price. Thank you. Ricky.

Get your own web address.
Have a HUGE year through Yahoo! Small Business.

1447. BWC for AM

Yahoo group: nrd-525-535
Date: 2007-03-02 16:33:01 UTC
From: schutti58
Topic: 1447 Message: 1447

Hello!

I just talked to a friend who owns a NRD-535D but unfortunately with an earlier serial number so that his BWC only works on SSB and with the Inter filter.

Does anybody know if it is possible to get this receiver running BWC all over AM and with other filters? Can this only be done by changing the EPROM? If so, where might this part be available?

Thanks!

73, Reinhold

1448. Improving the NVA-319 sound

Yahoo group: nrd-525-535
Date: 2007-03-08 20:49:58 UTC
From: ak7dx
Topic: 1448 Message: 1448

I just aquired an excellent NRD-535D and NVA-319 speaker.
I was wondering on the 319 speaker if inserting foam rubber inside the enclosure would improve sound?

Not that it is bad, it could use a better speaker (Like the Palstar R-30CC external speaker)

Any ideas?

73 and good DX'ing

John
Boise, Idaho

1449. Anyone know which manufacturer of the Palstar SP-30 speaker.....

Yahoo group: nrd-525-535
Date: 2007-03-09 20:42:43 UTC
From: ak7dx
Topic: 1449 Message: 1449

that sounds so very good and was wondering if it would work inside the NVA-319?

Range from: 70 Hz to 15 kHz and 20 W Peak Power

Anone know the manufacturer?

73 and good DX'ing

John

Boise, Idaho

Rx: JRC NRD-535D and NAV-319 Ant: Dressler ARA 100-HDX

1450. Re: [nrd-525-535] Anyone know which manufacturer of the Palstar SP-30 speaker...

Yahoo group: nrd-525-535
Date: 2007-03-09 20:53:28 UTC
From: gandalfg8@aol.com
Topic: 1450 Message: 1450

In a message dated 09/03/2007 20:43:31 GMT Standard Time, bfdp1@...
writes:

that sounds so very good and was wondering if it would work inside the
NVA-319?

Range from: 70 Hz to 15 kHz and 20 W Peak Power

My JRC kit is in storage so can't remember if the speakers are open backed
but if they are that might account for some of the difference as the SP30 is
fully enclosed.

regards

Nigel
GM8PZR

1451. Re: [nrd-525-535] Anyone know which manufacturer of the Palstar SP-30 speaker...

Yahoo group: nrd-525-535
Date: 2007-03-10 02:07:04 UTC
From: John Miller
Topic: 1450 Message: 1451

Good point,

The the Palstar is sealed. Would make some difrence.

73

JM
----- Original Message -----
From: gandalfg8@...<mailto:gandalfg8@aol.com>
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Sent: Friday, March 09, 2007 1:53 PM
Subject: Re: [nrd-525-535] Anyone know which manufacturer of the Palstar SP-30 speaker...

In a message dated 09/03/2007 20:43:31 GMT Standard Time, bfdp1@...<mailto:bfdp1@...>
writes:
that sounds so very good and was wondering if it would work inside the
NVA-319?

Range from: 70 Hz to 15 kHz and 20 W Peak Power

My JRC kit is in storage so can't remember if the speakers are open backed but if they are that might account for some of the difference as the SP30 is fully enclosed.

regards

Nigel
GM8PZR

1452. 525 for sale

Yahoo group: nrd-525-535
Date: 2007-03-15 10:28:26 UTC
From: Michael
Topic: 1452 Message: 1452

NRD-525 for sale see: http://ads.mptbbs.com

1453. FILTER NEED : for NRD515

Yahoo group: nrd-525-535
Date: 2007-03-21 05:25:57 UTC
From: rk7066
Topic: 1453 Message: 1453

Hello All.

I am in need of the 2.4 crystal filter for my 515.

Also, have interest in hearing of an NSD515 for sale.

NRD515 parts ? etc....

Love the 515 and getting her in shape.

THANKS ALL

Ray

(raysdz@...)

1454. Re: [nrd-525-535] FILTER NEED : for NRD515

Yahoo group: nrd-525-535
Date: 2007-03-21 12:01:40 UTC
From: g3vvt@aol.com
Topic: 1453 Message: 1454

Hi Ray,

The original filter for the NRD-515 (also NRD-525 and JST-135) is a nominal 2.4kHz BW Kokusai mechanical filter which I have listed as MF-31C in the NRD-525 service manual. These are no longer made, though you may get some old stock spares with the JRC dealers.

Possibly the Collins mechanical filter used by Yaesu may adapt?

I you want to go with a 455kHz 2.4kHz BW crystal filter, it would be possible to mount a CFL-251 (YF455EB) 2.4kHz BW JRC filter on the auxiliary filter board if fitted to your NRD-515. This is the board that carries the CW filter. I went the other way in bandwidth and mounted a JRC CFL-233 in this position that provides me with an apparent 1.5kHz BW when tested with Spectrogram. However there is a slight downside in using this filter in that the IF shift has to be offset slightly to center the filter response. No sweat really and it means that I can drag signals out of the mud when needed.

There may be other options available such as the Murata? CFJ455K5 ceramic filter, though that may present matching problem with it's 2k I/O impedance. I was in a position to buy the JST-135/NRD-525 JRC accessory filters whilst they were still available, so did not have to scratch around too much.

Regards,
Bob, G3VVT

1455. LR3671D

Yahoo group: nrd-525-535
Date: 2007-04-04 21:23:54 UTC
From: ballynafie
Topic: 1455 Message: 1455

Has anyone ever come across a source for this IC. It is used as the encoder for the manual tuning knob on the NRD-525. I have tried everywhere to find one but with no success. It is on the CDE-418 display board. Any help would be greatly appreciated. I am not aware of any source in the United Kingdom.

Ballynafie

1456. Re: [nrd-525-535] LR3671D

Yahoo group: nrd-525-535
Date: 2007-04-05 02:55:38 UTC
From: g3vvt@aol.com
Topic: 1455 Message: 1456

The LR3671D is also used as IC12 on the JRC JST-135 transceiver display unit CDE-576 as well as IC6 on the NRD-525 CDE-418 display.

Could not find any available in the UK when I did a Google search and checks with UK suppliers such as Grandata drew a blank. A check on _www.digchip.com_ (http://www.digchip.com) failed to pull up any data for the IC, but did point to a possible supply source in Holland. JRC I believe have their European headquarters in Holland, so the IC may be available through them. The code JRC give for the LR3671D IC in the NRD-525 service manual is 5DDBN00037

Would be interested in terms of future insurance for my JST-135 to find out more about this IC. Is there an equivalent from another source?

Regards,
Bob, G3VVT

1457. Re: [nrd-525-535] LR3671D

Yahoo group: nrd-525-535
Date: 2007-04-10 07:45:45 UTC
From: vr2kj
Topic: 1455 Message: 1457

You May Search in Japan Yahoo.com
I have order 1 Pcs from Japan CQ

VR2KJ
Hong Kong

----- Original Message -----
From: g3vvt@...
To: nrd-525-535@yahoogroups.com
Sent: Thursday, April 05, 2007 10:55 AM
Subject: Re: [nrd-525-535] LR3671D

The LR3671D is also used as IC12 on the JRC JST-135 transceiver display unit CDE-576 as well as IC6 on the NRD-525 CDE-418 display.

Could not find any available in the UK when I did a Google search and checks with UK suppliers such as Grandata drew a blank. A check on www.digchip.com failed to pull up any data for the IC, but did point to a possible supply source in Holland. JRC I believe have their European headquarters in Holland, so the IC may be available through them. The code JRC give for the LR3671D IC in the NRD-525 service manual is 5DDBN00037

Would be interested in terms of future insurance for my JST-135 to find out more about this IC. Is there an equivalent from another source?

Regards,
Bob, G3VVT

1458. What size speaker is in the NVA-319?

Yahoo group: nrd-525-535
Date: 2007-04-15 02:35:47 UTC
From: ak7dx
Topic: 1458 Message: 1458

Anyone know the speaker size and type in the NVA-319?

73 and good DX]ing

JM
Boise, Idaho

1459. RE: [nrd-525-535] What size speaker is in the NVA-319?

Yahoo group: nrd-525-535
Date: 2007-04-15 03:49:19 UTC
From: Gary Saltz
Topic: 1458 Message: 1459

Hey John, how the heck are you?? Long time no talk. The 319 is almost as bad as the Drake MS8. I have a SP-20 Icom hooked up to my Icom IC-R9000L. Now that's a good speaker. Call me. 435-216-4128

Gary
WA9IQW
GSI Member

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of ak7dx
Sent: Saturday, April 14, 2007 8:36 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] What size speaker is in the NVA-319?

Anyone know the speaker size and type in the NVA-319?

73 and good DX]ing

JM
Boise, Idaho

1460. Re: [nrd-525-535] What size speaker is in the NVA-319?

Yahoo group: nrd-525-535
Date: 2007-04-15 06:03:34 UTC
From: John Miller
Topic: 1458 Message: 1460

Hi Gary:

Very well, Hope things in St. George are good.

I am using my NVA-319 with my 535D and was thinking about using the same speaker Palstar uses in their speaker. I believe the JRC speaker is larger. I did get a replacement speaker that Palstar uses. I will check the size next week. We have family that is staying and using our second bedroom (also doubles as radio room) Still using my Dressler ARA HDX-100 antenna with perfect results.

Am now using a NOS Sony ICFSW-55 I got from a dealer here in town a few months back after they advised me they had one if I wanted for $200, so I jumped at it.

73

John
----- Original Message -----
From: Gary Saltz<mailto:garysaltz@...>
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Cc: garysaltz@...<mailto:garysaltz@beyondbb.com>
Sent: Saturday, April 14, 2007 8:49 PM
Subject: RE: [nrd-525-535] What size speaker is in the NVA-319?

Hey John, how the heck are you?? Long time no talk. The 319 is almost as bad as the Drake MS8. I have a SP-20 Icom hooked up to my Icom IC-R9000L. Now that's a good speaker. Call me. 435-216-4128

Gary

WA9IQW

GSI Member

From: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
[mailto:nrd-525-535@yahoogroups.com] On Behalf Of ak7dx
Sent: Saturday, April 14, 2007 8:36 PM
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Subject: [nrd-525-535] What size speaker is in the NVA-319?

Anyone know the speaker size and type in the NVA-319?

73 and good DX]ing

JM
Boise, Idaho

1461. Re: [nrd-525-535] What size speaker is in the NVA-319?

Yahoo group: nrd-525-535
Date: 2007-04-15 09:30:11 UTC
From: gandalfg8@aol.com
Topic: 1458 Message: 1461

In a message dated 15/04/2007 04:50:47 GMT Daylight Time,
garysaltz@beyondbb.com writes:

Hey John, how the heck are you?? Long time no talk. The 319 is almost as
bad as the Drake MS8. I have a SP-20 Icom hooked up to my Icom IC-R9000L. Now
that’s a good speaker. Call me. 435-216-4128

That's an interesting comment re the MS8.

It was pointed out recently on the Palstar R30 group that the Palstar SP30
is the same as the MS8, using the original tools purchased from Drake, but that
Palstar weren't happy with the original speaker so fitted a different unit.
A quick check online confirmed this.

I'm very happy with the SP30, certainly prefer it to my JRC and Icom
speakers, and general consensus seems to be that it sounds pretty good.
I assumed this was mainly due to it being fully enclosed but perhaps the
speaker unit has made more difference than I realised.

With some MS8 speakers tending to fetch "collector" prices already there's
no way I'll be able to make a direct comparison but if anyone else is able to
I'd be interested to hear their opinion.

regards

Nigel
GM8PZR

1462. Re: [nrd-525-535] What size speaker is in the NVA-319?

Yahoo group: nrd-525-535
Date: 2007-04-15 09:49:55 UTC
From: gandalfg8@aol.com
Topic: 1458 Message: 1462

In a message dated 15/04/2007 06:06:38 GMT Daylight Time, bfdp1@...
writes:

I am using my NVA-319 with my 535D and was thinking about using the same
speaker Palstar uses in their speaker. I believe the JRC speaker is larger. I
did get a replacement speaker that Palstar uses.

Hi John

Should have recognised you:-)

Glad to see you got the Palstar speaker ok, would be interested to hear your
impressions of it in the JRC case.

In general terms I've always found manufacturers' matching speakers a bit of
a rip off.
We all buy them just because they match, the manufacturers know it, and we
pay quite a premium because of that.

I'm getting to the point where I need the space more than a variety of
"matching" speakers of assorted shapes and sizes so will probably be looking for
one to standardise on.
So far the SP30 is looking good, the one I've got I'll probably keep anyway,
but using those drive units, or similar, in a custom enclosure might be
another option.

regards

Nigel
GM8PZR

1463. RE: [nrd-525-535] What size speaker is in the NVA-319?

Yahoo group: nrd-525-535
Date: 2007-04-15 14:28:01 UTC
From: Gary Saltz
Topic: 1458 Message: 1463

Good morning John,

Palstar speaker is very good. They buy the case from Drake, put a heavy 4 inch $20 speaker in it and sell it for $58. I also use my Dressler every day. Glad you kept yours. I dumped my 535D and 319 and bought a Drake R8 which I use with my Kiwa Loop for BCB DX. I then bought a NIB Drake R8B with UHF/VHF kit installed. Those along with my E1 and RF-9000L are daily users.

Gary

r

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of John Miller
Sent: Sunday, April 15, 2007 12:04 AM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] What size speaker is in the NVA-319?

Hi Gary:

Very well, Hope things in St. George are good.

I am using my NVA-319 with my 535D and was thinking about using the same speaker Palstar uses in their speaker. I believe the JRC speaker is larger. I did get a replacement speaker that Palstar uses. I will check the size next week. We have family that is staying and using our second bedroom (also doubles as radio room) Still using my Dressler ARA HDX-100 antenna with perfect results.

Am now using a NOS Sony ICFSW-55 I got from a dealer here in town a few months back after they advised me they had one if I wanted for $200, so I jumped at it.

73

John
----- Original Message -----
From: Gary <mailto:garysaltz@...> Saltz
To: nrd-525-535@ <mailto:nrd-525-535@yahoogroups.com> yahoogroups.com
Cc: garysaltz@beyondbb. <mailto:garysaltz@...> com
Sent: Saturday, April 14, 2007 8:49 PM
Subject: RE: [nrd-525-535] What size speaker is in the NVA-319?

Hey John, how the heck are you?? Long time no talk. The 319 is almost as bad as the Drake MS8. I have a SP-20 Icom hooked up to my Icom IC-R9000L.

Now that's a good speaker. Call me. 435-216-4128
Gary
WA9IQW
GSI Member

From: <mailto:nrd-525-535@yahoogroups.com> nrd-525-535@yahoogroups.com
[mailto:nrd-525-535@yahoogroups.com] On Behalf Of ak7dx
Sent: Saturday, April 14, 2007 8:36 PM
To: nrd-525-535@ <mailto:nrd-525-535@yahoogroups.com> yahoogroups.com
Subject: [nrd-525-535] What size speaker is in the NVA-319?
Anyone know the speaker size and type in the NVA-319?

73 and good DX]ing

JM
Boise, Idaho

1464. Tx Nigel

Yahoo group: nrd-525-535
Date: 2007-04-15 15:29:24 UTC
From: ak7dx
Topic: 1458 Message: 1464

From looking inside the NVA-319 it appears the OEM JRC speaker is a 5 in speaker rather than 4 in Plastar (not sure till I open)

If it is a 4 in diameter then it should fit well and sound much much better. In conjunction with the NVA-319 audio filters it should be the perfect configuration.
More later.

73 and good DX'ing to all

John
Boise, Idaho

1465. For Sale: JRC NRD-535SE Complete System in Mint Condition

Yahoo group: nrd-525-535
Date: 2007-04-17 04:50:22 UTC
From: scelcamino
Topic: 1465 Message: 1465

I am reluctantly selling my Sherwood 535 receiver system. This was bought new from Sherwood Engineering and includes a fully modified NRD-535 receiver, a Sherwood Mark III Deluxe Sync Box, and an NVA-319 speaker. The receiver of course has been modified to accept the Mark III box and also has all filter slots filled with, according to Mr. Sherwood, 2,4,6, and 8 khz filters along with whatever other modifications he typically performs. I bought this package from the original owner (which took quite a while to pry it away from him) who reportedly had it in storage since shortly after bought it. It's all in absolutely beautiful condition, has low hours due to my schedule, and is as close to new looking as you can get without being new. There are no scratches on the cases or faces and all lettering and numerals are perfectly crisp. The only reason I'm selling is because I promised myself that if the FCC ever dropped the Morse code requirement I would upgrade to the General license and I need to sell this top of the line receiver to buy a decent mid grade transceiver (I may regret this). Also provided are all power and other cables required as well as owners manuals for the receiver and Sherwood Mark III box. I'm offering this system to the group first because I would like to see it go to someone who will appreciate it as much as I did. For the group members only there will be a 7 day *MONEY BACK GUARANTEE* if it does not function as new or for any other reasonable complaint (although this is not a "gee I never operated one of those before I'll just try it and send it back" situation). The price is $1200 and numerous pictures are available at scelcamino@.... Eric

1466. Which software to control the NRD 525?

Yahoo group: nrd-525-535
Date: 2007-04-21 10:40:11 UTC
From: Joël
Topic: 1466 Message: 1466

Who can say to me which is the software which is appropriate to
control this receiver best, and where to find it.

Thank you for your answers

73 ' S

1467. display NRD-535

Yahoo group: nrd-525-535
Date: 2007-05-05 18:00:25 UTC
From: wduiz
Topic: 1467 Message: 1467

Hello Group,

Some figures in the display of my NRD-535 are not shown correctly.
1 is shown as 7,4 as 9,5 also as 9, 6 as 8.
This happened suddenly. Someone recognizes this issue?
Could it be the display or a driving IC?
My 535 has serial number 58495, eprom version E.

Thanks.

Wytse - PA3FMX

1468. Re: [nrd-525-535] display NRD-535

Yahoo group: nrd-525-535
Date: 2007-05-06 12:06:53 UTC
From: Bill Cotter
Topic: 1467 Message: 1468

Wytse,

Sounds like something in that part of the radio. First off, you might check all the internal connections by unplugging and replugging in the cards. Next, using a set of magnifier, look for cold solder joints in the display board. This is behind the front panel and will be a task to access.

Having a service manual will be indispensable for zero'ing in on the correct display driver IC. I don't know if anyone has place the service manual up on the Yahoo site.

Best of luck,

73 bill n4lg

At 02:00 PM 5/5/2007, you wrote:
>Hello Group,
>
>Some figures in the display of my NRD-535 are not shown correctly.
>1 is shown as 7,4 as 9,5 also as 9, 6 as 8.
>This happened suddenly. Someone recognizes this issue?
>Could it be the display or a driving IC?
>My 535 has serial number 58495, eprom version E.
>
>Thanks.
>
>Wytse - PA3FMX
>
>
>
>
>
>Yahoo! Groups Links
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>
>

Bill Cotter, N4LG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

1469. Re: display NRD-535

Yahoo group: nrd-525-535
Date: 2007-05-06 15:10:24 UTC
From: rhblumeng
Topic: 1467 Message: 1469

--- In nrd-525-535@yahoogroups.com, "wduiz" <wduiz@...> wrote:
>
> Hello Group,
>
> Some figures in the display of my NRD-535 are not shown correctly.
> 1 is shown as 7,4 as 9,5 also as 9, 6 as 8.
> This happened suddenly. Someone recognizes this issue?
> Could it be the display or a driving IC?
> My 535 has serial number 58495, eprom version E.
>
> Thanks.
>
> Wytse - PA3FMX
>
Sounds like the top segment and the upper right segment are always on
to me. I suppose that could be several hardware items...

Maybe someone knows an exact possibility.

Bob

1470. Looking for an NVA 88 matching speaker for the 525

Yahoo group: nrd-525-535
Date: 2007-05-07 15:15:07 UTC
From: ortfmic
Topic: 1470 Message: 1470

Hello 525/535 group,

This is my first post. As as a short introduction I'll mention that I primarily use a Sony 2010 and that I just recently added a JRC 525 to my radio shack (well, it's not really a shack as it is really a spaced I cleared on my desk) that I got from Universal.

I'm looking to find the NVA 88 matching speaker for the 525, so I'd be appreciative if you know of, or hear of, one that is available.

Regards,
Tom
Woodstock, GA

1471. Re: [nrd-525-535] Looking for an NVA 88 matching speaker for the 525

Yahoo group: nrd-525-535
Date: 2007-05-10 08:26:04 UTC
From: Frank DeMarco
Topic: 1470 Message: 1471

See if you can find a Yaesu SP-102 external speaker.
Works better becuse it has controls to trim the audio
filters for better reception. Case color matches that
of the receiver. Highly recommended. /frankdenet
--- ortfmic <powerst@...> wrote:

> Hello 525/535 group,
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> This is my first post. As as a short introduction
> I'll mention that I
> primarily use a Sony 2010 and that I just recently
> added a JRC 525 to
> my radio shack (well, it's not really a shack as it
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> I'm looking to find the NVA 88 matching speaker for
> the 525, so I'd be
> appreciative if you know of, or hear of, one that is
> available.
>
> Regards,
> Tom
> Woodstock, GA
>
>

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http://mail.yahoo.com

1472. Re: Looking for an NVA 88 matching speaker for the 525

Yahoo group: nrd-525-535
Date: 2007-05-10 15:12:26 UTC
From: ortfmic
Topic: 1470 Message: 1472

Frank,

The NVA 88 is matched to the 525 at 4 ohms and most other speakers are
8 ohms. I assume that's a crucial criteria to follow; but, I'm not an
expert and I wonder if ohms is moot in this case.

Tom

--- In nrd-525-535@yahoogroups.com, Frank DeMarco <frankdenet@...> wrote:
>
> See if you can find a Yaesu SP-102 external speaker.
> Works better becuse it has controls to trim the audio
> filters for better reception. Case color matches that
> of the receiver. Highly recommended. /frankdenet
> --- ortfmic <powerst@...> wrote:
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1473. Re: [nrd-525-535] Re: Looking for an NVA 88 matching speaker for the 525

Yahoo group: nrd-525-535
Date: 2007-05-10 15:36:07 UTC
From: g3vvt@aol.com
Topic: 1470 Message: 1473

In a message dated 10/05/07 16:15:58 GMT Daylight Time,
powerst@... writes:

Frank,

The NVA 88 is matched to the 525 at 4 ohms and most other speakers are
8 ohms. I assume that's a crucial criteria to follow; but, I'm not an
expert and I wonder if ohms is moot in this case.

Very true which is a point that was being missed.

I use an old Kenwood SP230 that also has switchable filters with my JRC
JST-135 transceiver. However, in this unit the speaker itself has been replaced
for a 4 ohm type. Wrong colour of grey on the case, but so is my JRC NFG-97
ATU which more matches the colour of the earlier NRD-515. Came at the right
price is the excuse.

Probably the only effect of using an 8 ohm speaker would be slightly reduced
audio output compared to the correct 4 ohm type, though suppose there could
be some slight chance of instability under adverse circumstances due to the
lighter loading.

Regards,
Bob, G3VVT

1474. Re: [nrd-525-535] Re: Looking for an NVA 88 matching speaker for the 525

Yahoo group: nrd-525-535
Date: 2007-05-17 08:30:03 UTC
From: Frank DeMarco
Topic: 1470 Message: 1474

--- ortfmic <powerst@...> wrote:

> Frank,
>
> The NVA 88 is matched to the 525 at 4 ohms and most
> other speakers are
> 8 ohms. I assume that's a crucial criteria to
> follow; but, I'm not an
> expert and I wonder if ohms is moot in this case.
>
> Tom
>
> --- In nrd-525-535@yahoogroups.com, Frank DeMarco
> <frankdenet@...> wrote:
> >
> > See if you can find a Yaesu SP-102 external
> speaker.
> > Works better becuse it has controls to trim the
> audio
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> > of the receiver. Highly recommended. /frankdenet
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> > --- ortfmic <powerst@...> wrote:
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> > > I'm looking to find the NVA 88 matching speaker
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Dear Tom,
Impedance matching is not an issue. I've used this
speaker for years w/o a hitch. See if you can find
one.
73's, Frank

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nt customers who are looking for what you sell.
http://searchmarketing.yahoo.com/

1475. Re: [nrd-525-535] Re: Looking for an NVA 88 matching speaker for the 525

Yahoo group: nrd-525-535
Date: 2007-05-21 07:56:00 UTC
From: Frank DeMarco
Topic: 1470 Message: 1475

--- Frank DeMarco <frankdenet@...> wrote:

>
> --- ortfmic <powerst@...> wrote:
>
> > Frank,
> >
> > The NVA 88 is matched to the 525 at 4 ohms and
> most
> > other speakers are
> > 8 ohms. I assume that's a crucial criteria to
> > follow; but, I'm not an
> > expert and I wonder if ohms is moot in this case.
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> > Tom
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> > --- In nrd-525-535@yahoogroups.com, Frank DeMarco
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Dear Orf,
Ohms really are moot here. The slight loss of audio
is not noticible. More to the point, trimming the
audio with the attached hi/lo filters gets rid of the
"muddy"sound of the built-in speaker.
That aside, the 525 for me is the best of the series.
I like the fact that the sidebands are manually
selectable. This makes it possible to trim the AM
audio using the PBS. I've had mine since 1990!
73's, Frank

_____Got a little couch potato?
Check out fun summer activities for kids.
http://search.yahoo.com/search?fr=oni_on_mail&p=summer+activities+for+kids&cs=bz

1476. Re: Looking for an NVA 88 matching speaker for the 525

Yahoo group: nrd-525-535
Date: 2007-05-21 10:59:28 UTC
From: ortfmic
Topic: 1470 Message: 1476

Frank,

I got beyond my ohms issue after consulting a friend more knowledgeable in these matters. My focus was more on load than audio quality; that is, I was wondering if 8 ohms puts more load on the output of the receiver, and now I understand that it's the opposite. So for now, I have a speaker that came from my computer attached to the 525 and it sounds a whole lot better. I will continue to look for Yaesu SP-102 in addition to the NVA 88.

It has been a lot of fun exploring with the 525 and I'm getting great reception on a longwire/balun arrangement. I got the radio from the online used list at Universal Radio. My next learning curve is to figure out how to take advantage of RTTY and the RTTY printer port.

73s Tom

--- In nrd-525-535@yahoogroups.com, Frank DeMarco <frankdenet@...> wrote:
>
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> > --- ortfmic <powerst@...> wrote:
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>

1477. Re: [nrd-525-535] Re: Looking for an NVA 88 matching speaker for the 525

Yahoo group: nrd-525-535
Date: 2007-05-25 06:23:32 UTC
From: Frank DeMarco
Topic: 1470 Message: 1477

TOM:
I live in a high-rise apt in Manhattan, not far from
"ground zero", so I must use an indoor active antenna,
in the case the excellent Datong AD370. Reception is
good. However, SW DXing is not not what it used to
be. There are fewer and fewer stations all the time.
So much activity has shifted to other modes. On the
other hand, I still hear occasional "numbers"
broadcasts. probably from Cuba(a country still active
on SW). Heard one such the other nite on 5998kz.
RTTY can be fun. I once had a RTTY reader, but there
again, there has been a shift away from HF
transmission. The internet is fine, but there is
still nothing quite like catching a distant station in
real time. Good luck & 73's, Frank
--- ortfmic <powerst@...> wrote:

> Frank,
>
> I got beyond my ohms issue after consulting a friend
> more
> knowledgeable in these matters. My focus was more on
> load than audio
> quality; that is, I was wondering if 8 ohms puts
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> > 73's, Frank
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> a little couch potato?
> > Check out fun summer activities for kids.
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>
http://search.yahoo.com/search?fr=oni_on_mail&p=summer+activities+for+kids&cs=bz
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We won't tell. Get more on shows you hate to love
(and love to hate): Yahoo! TV's Guilty Pleasures list.
http://tv.yahoo.com/collections/265

1478. Re: Looking for an NVA 88 matching speaker for the 525

Yahoo group: nrd-525-535
Date: 2007-05-25 12:27:54 UTC
From: ortfmic
Topic: 1470 Message: 1478

Frank,

You're so right about fewer stations; even the BBC ceased transmissions to North America a couple of years ago, although you can still get other BBC broadcasts. Also, fewer people are taking up the HAM hobby even though the code requirement was dropped. The Internet and satellite radio offer other forms of communication and entertainment; but, like you said, nothing compares to digging out a distant station real time (it's such an 'analog' trait in a digital world).

I'm in the 'burbs northwest of Atlanta (towards Chattanooga). My listening day usually begins at 5 AM, checking in on the hams on 40 and 80 meters. Then, when my workday begins, I tune to 9580 for Australia during the morning hours. Things pick up again in the evening and in addition to the hams, I enjoy finding music on India (11620), Greece (7475), and Egypt (12050).

73s Tom

--- In nrd-525-535@yahoogroups.com, Frank DeMarco <frankdenet@...> wrote:
>
> TOM:
> I live in a high-rise apt in Manhattan, not far from
> "ground zero", so I must use an indoor active antenna,
> in the case the excellent Datong AD370. Reception is
> good. However, SW DXing is not not what it used to
> be. There are fewer and fewer stations all the time.
> So much activity has shifted to other modes. On the
> other hand, I still hear occasional "numbers"
> broadcasts. probably from Cuba(a country still active
> on SW). Heard one such the other nite on 5998kz.
> RTTY can be fun. I once had a RTTY reader, but there
> again, there has been a shift away from HF
> transmission. The internet is fine, but there is
> still nothing quite like catching a distant station in
> real time. Good luck & 73's, Frank
> --- ortfmic <powerst@...> wrote:
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> > Frank,
> > >
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> > knowledgeable in these matters. My focus was more on
> > load than audio
> > quality; that is, I was wondering if 8 ohms puts

> > more load on the
> > output of the receiver, and now I understand that
> > it's the opposite.
> > So for now, I have a speaker that came from my
> > computer attached to
> > the 525 and it sounds a whole lot better. I will
> > continue to look for
> > Yaesu SP-102 in addition to the NVA 88.
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> > It has been a lot of fun exploring with the 525 and
> > I'm getting great
> > reception on a longwire/balun arrangement. I got the
> > radio from the
> > online used list at Universal Radio. My next
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> > RTTY printer port.
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> > the
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> > > > > > filters for better reception. Case color
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> > > > Dear Tom,
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nt
> > > > customers who are looking for what you sell.
> > > > http://searchmarketing.yahoo.com/
> > > > >
> > > Dear Orf,
> > > Ohms really are moot here. The slight loss of
> > audio
> > > is not noticible. More to the point, trimming the
> > > audio with the attached hi/lo filters gets rid of
> > the
> > > "muddy"sound of the built-in speaker.
> > > That aside, the 525 for me is the best of the
> > series.
> > > I like the fact that the sidebands are manually
> > > selectable. This makes it possible to trim the AM
> > > audio using the PBS. I've had mine since 1990!
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> We won't tell. Get more on shows you hate to love
> (and love to hate): Yahoo! TV's Guilty Pleasures list.
> http://tv.yahoo.com/collections/265
>

1479. NRD-535D NVA-319 Dressler ARA-100 HDX FS

Yahoo group: nrd-525-535
Date: 2007-05-31 00:58:20 UTC
From: ak7dx
Topic: 1479 Message: 1479

PACKAGE DEAL WILL NOT SPLIT:

Mint JRC 535D, matching NVA-319 speaker and Dressler active antenna ARA-HDX-100 (rated on one the best active antennas on the market.
copy of manual. Radio speaker are perfect no marks, scratches, dings or dents.

Antenna was new in Nov 2006 and in mild Boise,Idaho weather.

NRD-535D Serial no. 53413 e-mail for scans.

$1250 shipped, packed and insured (Payment via USPO money orders)

Shipping (antenna shipped seprate via same carrier) fully insured via DHL Ground, professionally packed at local Mail Box inc or UPS Store. I will approve packing methods.

73

JM

Boise, Idaho

1480. RE: [nrd-525-535] NRD-535D NVA-319 Dressler ARA-100 HDX FS

Yahoo group: nrd-525-535
Date: 2007-05-31 02:14:31 UTC
From: Gary Saltz
Topic: 1479 Message: 1480

Hi John,

Hope you are well. Call and say hi. Long time no talk to.

Gary in St. George

435-229-9200

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of ak7dx
Sent: Wednesday, May 30, 2007 6:58 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] NRD-535D NVA-319 Dressler ARA-100 HDX FS

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JM

Boise, Idaho

1481. Re: [nrd-525-535] Re: Looking for an NVA 88 matching speaker for the 525

Yahoo group: nrd-525-535
Date: 2007-06-03 07:11:59 UTC
From: Frank DeMarco
Topic: 1470 Message: 1481

Tom,
Things can only get better. We're still at the
beginning of the sun spot cycle. Reception will
improve gradually, over the coming years. Right now,
it's strickly low-band stuff here. I listen to radio
Havana Cuba regularly at 6Mz and tune around the low
bands, trying to avoid the "Christians". The low
bands tend to be noisy here though. The NRD 525 is
rock-solid though, as was the 515. Audio is improved
on SSB with SSD.
73's, Frank
--- ortfmic <powerst@...> wrote:

> Frank,
>
> You're so right about fewer stations; even the BBC
> ceased
> transmissions to North America a couple of years
> ago, although you can
> still get other BBC broadcasts. Also, fewer people
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> 73s Tom

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Shape Yahoo! in your own image. Join our Network Research Panel today!
http://surveylink.yahoo.com/gmrs/yahoo_panel_invite.asp?a=7

1482. NRD-535D NVA-319 REDUCED

Yahoo group: nrd-525-535
Date: 2007-06-03 20:48:21 UTC
From: ak7dx
Topic: 1482 Message: 1482

PACKAGE DEAL:

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Antenna was new in Nov 2006 and in mild Boise,Idaho weather.

NRD-535D Serial no. 53413 e-mail for scans.

$1100 shipped, packed and insured (Payment via USPO money orders)

73

JM

Boise, Idaho

1483. SOLD

Yahoo group: nrd-525-535
Date: 2007-06-05 01:11:36 UTC
From: ak7dx
Topic: 1482 Message: 1483

SOLD

Tx Adam in FL

1484. Re: [nrd-525-535] Re: Looking for an NVA 88 matching speaker for the 525

Yahoo group: nrd-525-535
Date: 2007-06-15 09:17:13 UTC
From: Frank DeMarco
Topic: 1470 Message: 1484

Tom,

Here are some tips to improve the audio on your NRD525
until and even if you get an outboard speaker:
1)Turn the passband tuning control to the 9o'clock
position, This offset will help improve audio.
2)Likewise, turn the tone control to the 3o'clock
position.
3)After tuning the signal in AM mode using the
WIDE(4kz)filter, you can try switching to the LSB
mode.
(manual ECSS)..this procedure will help improve the
"muddy" audio of the JRC. Try it!

73's, Frank

--- ortfmic <powerst@...> wrote:

> Frank,
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> You're so right about fewer stations; even the BBC
> ceased
> transmissions to North America a couple of years
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_____
Boardwalk for $500? In 2007? Ha! Play Monopoly Here and Now (it's updated for today's economy) at Yahoo! Games.
http://get.games.yahoo.com/proddesc?gamekey=monopolyherenow

1485. NRD-535D frequency adjustment, off by 1Khz

Yahoo group: nrd-525-535
Date: 2007-06-20 19:41:38 UTC
From: hamguy123
Topic: 1485 Message: 1485

Hi all, just joined the group. I just received an NRD-535D. It has the CGD-135 High Stable crystal unit plus several Kiwa mods. The radio sounds fine but I noticed the receive is off by about 1khz. When the dial reads for example 14.301 approx, it's really receiving 14.300. I tried adjusting trimmer CV1 on the REF/DDS board per the manual but it has no effect. Anyone know what I can adjust to put this receiver on frequency?

Thanks,

Adam Farber W4AJF
Cooper City, FL

1486. Re: [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz

Yahoo group: nrd-525-535
Date: 2007-06-20 20:18:09 UTC
From: Charles B
Topic: 1485 Message: 1486

Adam,

what mode are you listening to? I was thinking that the CW
carrier may need retuned which would be User Defintion #3

Chuck

----- Original Message -----
From: hamguy123
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, June 20, 2007 19:41 PM
Subject: [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz

Hi all, just joined the group. I just received an NRD-535D. It has the
CGD-135 High Stable crystal unit plus several Kiwa mods. The radio
sounds fine but I noticed the receive is off by about 1khz. When the
dial reads for example 14.301 approx, it's really receiving 14.300. I
tried adjusting trimmer CV1 on the REF/DDS board per the manual but it
has no effect. Anyone know what I can adjust to put this receiver on
frequency?

Thanks,

Adam Farber W4AJF
Cooper City, FL

1487. Re: [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz

Yahoo group: nrd-525-535
Date: 2007-06-20 20:21:00 UTC
From: Adam Farber
Topic: 1485 Message: 1487

Hi Chuck, good question but it's SSB mode....Any help? Thanks, Adam

At 08:18 PM 6/20/2007 +0000, you wrote:

>Adam,
>
>what mode are you listening to? I was thinking that the CW
>carrier may need retuned which would be User Defintion #3
>
>
>Chuck
>
>
>>----- Original Message -----
>>From: <mailto:adamf@...>hamguy123
>>To: <mailto:nrd-525-535@yahoogroups.com>nrd-525-535@yahoogroups.com
>>Sent: Wednesday, June 20, 2007 19:41 PM
>>Subject: [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz
>>
>>Hi all, just joined the group. I just received an NRD-535D. It has the
>>CGD-135 High Stable crystal unit plus several Kiwa mods. The radio
>>sounds fine but I noticed the receive is off by about 1khz. When the
>>dial reads for example 14.301 approx, it's really receiving 14.300. I
>>tried adjusting trimmer CV1 on the REF/DDS board per the manual but it
>>has no effect. Anyone know what I can adjust to put this receiver on
>>frequency?
>>
>>Thanks,
>>
>>Adam Farber W4AJF
>>Cooper City, FL
>

1488. Re: [SPAM] [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz

Yahoo group: nrd-525-535
Date: 2007-06-20 21:47:46 UTC
From: Brian Denley
Topic: 1488 Message: 1488

Adam:
You're adjusting the wrong trimmer if you're turning CV1. If the rig has the high stability osc., you need to make sure S1 is set to SPR and then adjust CV2. See page 34 for details.

Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "hamguy123" <adamf@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, June 20, 2007 3:41 PM
Subject: [SPAM] [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz

Hi all, just joined the group. I just received an NRD-535D. It has the CGD-135 High Stable crystal unit plus several Kiwa mods. The radio sounds fine but I noticed the receive is off by about 1khz. When the dial reads for example 14.301 approx, it's really receiving 14.300. I tried adjusting trimmer CV1 on the REF/DDS board per the manual but it has no effect. Anyone know what I can adjust to put this receiver on frequency?

Thanks,

Adam Farber W4AJF
Cooper City, FL

1489. Re: [SPAM] [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz

Yahoo group: nrd-525-535
Date: 2007-06-21 00:11:21 UTC
From: Adam Farber
Topic: 1488 Message: 1489

Hi Brian, the book says to first adjust CV1 and then it does say CV2 which I forgot to mention I tried. CV2 swings it a little but not enough. I was actually off by about 1-1/2khz before I adjusted CV2 and I can get it to about 1khz off but that's it. Surely there must be another way to get it on frequency? Thanks for your help, please let me know if I have any other options or if anyone else out these know. Other then that it's great. Thanks for any help from anyone.

Adam Farber

At 05:47 PM 6/20/2007 -0400, you wrote:

>Adam:
>You're adjusting the wrong trimmer if you're turning CV1. If the rig has
>the high stability osc., you need to make sure S1 is set to SPR and then
>adjust CV2. See page 34 for details.
>
>Brian Denley
><http://home.comcast.net/~b.denley/index.html>http://home.comcast.net/~b.denley/index.htm
l
>
>----- Original Message -----
>From: "hamguy123" <<mailto:adamf%40eeco.com>adamf@...>
>To: <<mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com>
>Sent: Wednesday, June 20, 2007 3:41 PM
>Subject: [SPAM] [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz
>
>Hi all, just joined the group. I just received an NRD-535D. It has the
>CGD-135 High Stable crystal unit plus several Kiwa mods. The radio
>sounds fine but I noticed the receive is off by about 1khz. When the
>dial reads for example 14.301 approx, it's really receiving 14.300. I
>tried adjusting trimmer CV1 on the REF/DDS board per the manual but it
>has no effect. Anyone know what I can adjust to put this receiver on
>frequency?
>
>Thanks,
>
>Adam Farber W4AJF
>Cooper City, FL
>
>

1490. Re: [SPAM] Re: [SPAM] [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz

Yahoo group: nrd-525-535
Date: 2007-06-22 02:05:27 UTC
From: Brian Denley
Topic: 1490 Message: 1490

Adam:
The way it should work (and I did install my CGD-135) is that after you switch S1 to SPR, CV1 is now non-functional and all frequency adjustment will be with CV2 If you look at the schematic on page 46, there is now a complete new xtal circuit, with the old one (including the original xtal and CV1) switched out of the circuit. BTW, remember to set your BFO to 0 Hz before adjustring CV2 and also remember to set it back to 500 Hz or whatever after.

Is your USER DEF 8 set to 1?

You didn't say how you set your rig on frequency. I use WWV and Digipan to get right to +/- 1 Hz
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Adam Farber" <adamf@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, June 20, 2007 8:11 PM
Subject: [SPAM] Re: [SPAM] [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz

> Hi Brian, the book says to first adjust CV1 and then it does say CV2 which
> I forgot to mention I tried. CV2 swings it a little but not enough. I was
> actually off by about 1-1/2khz before I adjusted CV2 and I can get it to
> about 1khz off but that's it. Surely there must be another way to get it
> on
> frequency? Thanks for your help, please let me know if I have any other
> options or if anyone else out these know. Other then that it's great.
> Thanks for any help from anyone.
>
> Adam Farber
>
>
>
> At 05:47 PM 6/20/2007 -0400, you wrote:
>
>>Adam:
>>You're adjusting the wrong trimmer if you're turning CV1. If the rig has
>>the high stability osc., you need to make sure S1 is set to SPR and then
>>adjust CV2. See page 34 for details.
>>
>>Brian Denley
>><http://home.comcast.net/~b.denley/index.html>http://home.comcast.net/~b.denley/index.ht

ml
>>
>>----- Original Message -----
>>From: "hamguy123" <<mailto:adamf%40eeco.com>adamf@...>
>>To: <<mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com>
>>Sent: Wednesday, June 20, 2007 3:41 PM
>>Subject: [SPAM] [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz
>>
>>Hi all, just joined the group. I just received an NRD-535D. It has the
>>CGD-135 High Stable crystal unit plus several Kiwa mods. The radio
>>sounds fine but I noticed the receive is off by about 1khz. When the
>>dial reads for example 14.301 approx, it's really receiving 14.300. I
>>tried adjusting trimmer CV1 on the REF/DDS board per the manual but it
>>has no effect. Anyone know what I can adjust to put this receiver on
>>frequency?
>>
>>Thanks,
>>
>>Adam Farber W4AJF
>>Cooper City, FL
>>
>>
>
>

1491. Re: [SPAM] Re: [SPAM] [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz

Yahoo group: nrd-525-535
Date: 2007-06-22 11:41:17 UTC
From: Adam Farber
Topic: 1490 Message: 1491

Brain, you "Da Man", USER 8 was NOT set to 1, I did it and the adjustment
now brings it on frequency. THANKS! Adam Farber

At 10:05 PM 6/21/2007 -0400, you wrote:

>Adam:
>The way it should work (and I did install my CGD-135) is that after you
>switch S1 to SPR, CV1 is now non-functional and all frequency adjustment
>will be with CV2 If you look at the schematic on page 46, there is now a
>complete new xtal circuit, with the old one (including the original xtal and
>CV1) switched out of the circuit. BTW, remember to set your BFO to 0 Hz
>before adjustring CV2 and also remember to set it back to 500 Hz or whatever
>after.
>
>Is your USER DEF 8 set to 1?
>
>You didn't say how you set your rig on frequency. I use WWV and Digipan to
>get right to +/- 1 Hz
>Brian Denley
><http://home.comcast.net/~b.denley/index.html>http://home.comcast.net/~b.denley/index.htm
l
>
>----- Original Message -----
>From: "Adam Farber" <<mailto:adamf%40eeco.com>adamf@...>
>To: <<mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com>
>Sent: Wednesday, June 20, 2007 8:11 PM
>Subject: [SPAM] Re: [SPAM] [nrd-525-535] NRD-535D frequency adjustment, off
>by 1Khz
>
> > Hi Brian, the book says to first adjust CV1 and then it does say CV2 which
> > I forgot to mention I tried. CV2 swings it a little but not enough. I was
> > actually off by about 1-1/2khz before I adjusted CV2 and I can get it to
> > about 1khz off but that's it. Surely there must be another way to get it
> > on
> > frequency? Thanks for your help, please let me know if I have any other
> > options or if anyone else out these know. Other then that it's great.
> > Thanks for any help from anyone.
> >
> > Adam Farber
> >
> >
> >
> > At 05:47 PM 6/20/2007 -0400, you wrote:
> >

> >>Adam:
> >>You're adjusting the wrong trimmer if you're turning CV1. If the rig has
> >>the high stability osc., you need to make sure S1 is set to SPR and then
> >>adjust CV2. See page 34 for details.
> >>
> >>Brian Denley
> >><<http://home.comcast.net/~b.denley/index.html>http://home.comcast.net/~
> b.denley/index.html>http://home.comcast.net/~b.denley/index.html
> >>
> >>----- Original Message -----
> >>From: "hamguy123"
> <<mailto:adamf%40eeco.com><mailto:adamf%40eeco.com>adamf@...>
> >>To:
> <<mailto:nrd-525-535%40yahoogroups.com><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535
@yahoogroups.com>
> >>Sent: Wednesday, June 20, 2007 3:41 PM
> >>Subject: [SPAM] [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz
> >>
> >>Hi all, just joined the group. I just received an NRD-535D. It has the
> >>CGD-135 High Stable crystal unit plus several Kiwa mods. The radio
> >>sounds fine but I noticed the receive is off by about 1khz. When the
> >>dial reads for example 14.301 approx, it's really receiving 14.300. I
> >>tried adjusting trimmer CV1 on the REF/DDS board per the manual but it
> >>has no effect. Anyone know what I can adjust to put this receiver on
> >>frequency?
> >>
> >>Thanks,
> >>
> >>Adam Farber W4AJF
> >>Cooper City, FL
> >>
> >>
> >
> >
>
>

1492. Re:] [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz

Yahoo group: nrd-525-535
Date: 2007-06-23 02:11:05 UTC
From: Brian Denley
Topic: 1492 Message: 1492

Adam:

Great news! Enjoy your receiver. It's one of the worlds best! You will never own one that has a better 'feel'. Damn good looking too!

Brian
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Adam Farber" <adamf@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, June 22, 2007 7:41 AM
Subject: [SPAM] Re: [SPAM] Re: [SPAM] [nrd-525-535] NRD-535D frequency adjustment, off by 1Khz

> Brain, you "Da Man", USER 8 was NOT set to 1, I did it and the adjustment
> now brings it on frequency. THANKS! Adam Farber
>
> At 10:05 PM 6/21/2007 -0400, you wrote:
>
>>Adam:
>>The way it should work (and I did install my CGD-135) is that after you
>>switch S1 to SPR, CV1 is now non-functional and all frequency adjustment
>>will be with CV2 If you look at the schematic on page 46, there is now a
>>complete new xtal circuit, with the old one (including the original xtal
>>and
>>CV1) switched out of the circuit. BTW, remember to set your BFO to 0 Hz
>>before adjustring CV2 and also remember to set it back to 500 Hz or
>>whatever
>>after.
>>
>>Is your USER DEF 8 set to 1?
>>
>>You didn't say how you set your rig on frequency. I use WWV and Digipan to
>>get right to +/- 1 Hz
>>Brian Denley
>><http://home.comcast.net/~b.denley/index.html>http://home.comcast.net/~b.denley/index.html

1493. Reception of ATC broadcasts

Yahoo group: nrd-525-535
Date: 2007-06-25 13:02:01 UTC
From: Maurice
Topic: 1493 Message: 1493

Hi
Does anyone out there listen to Air Traffic Control transmissions on Side Band? Got the chance to get a NRD-525 but need to know if its any good. Currently radioless but have owned a FRG7 which was virtually deaf, a FRG 100 which just about picked up 50 and an AOR 7030 which was brilliant and clocked up in excess of 100 including Brisbane (Australia) on 8.867MHz. All this was done on a 15m long wire spread out like a 'Z' in a bungalow roof.
Regards, Maurice, UK.

1494. Fwd: RE: [nrd-525-535] Re: Looking for an NVA 88 matching speaker for the 525

Yahoo group: nrd-525-535
Date: 2007-06-26 07:03:17 UTC
From: Frank DeMarco
Topic: 1494 Message: 1494
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1495. Re: [nrd-525-535] Reception of ATC broadcasts

Yahoo group: nrd-525-535
Date: 2007-06-26 07:08:18 UTC
From: Frank DeMarco
Topic: 1493 Message: 1495

--- Maurice <m.colyer@...> wrote:

> Hi
> Does anyone out there listen to Air Traffic Control
> transmissions on
> Side Band? Got the chance to get a NRD-525 but need
> to know if its any
> good. Currently radioless but have owned a FRG7
> which was virtually
> deaf, a FRG 100 which just about picked up 50 and an
> AOR 7030 which
> was brilliant and clocked up in excess of 100
> including Brisbane
> (Australia) on 8.867MHz. All this was done on a 15m
> long wire spread
> out like a 'Z' in a bungalow roof.
> Regards, Maurice, UK.
>
>
Maurice, the NRD 525 is great, for my money the best
of the JRC lot. Had a FRG7 myself, but the front end
went
deaf. 73's, Frank

Food fight? Enjoy some healthy debate
in the Yahoo! Answers Food & Drink Q&A.
http://answers.yahoo.com/dir/?link=list&sid=396545367

1496. NRD-535 Service manual

Yahoo group: nrd-525-535
Date: 2007-06-26 18:49:09 UTC
From: notareallyreal
Topic: 1496 Message: 1496

Has anybody this service manual in pdf ?
I think Rf-card of my nrd is lightly damaged (MW-muted).
It would help the repairman.

1497. Re: [nrd-525-535] NRD-535 Service manual

Yahoo group: nrd-525-535
Date: 2007-06-26 20:11:12 UTC
From: gandalfg8@aol.com
Topic: 1496 Message: 1497

In a message dated 26/06/2007 19:50:04 GMT Daylight Time,
not_a_real@... writes:

Has anybody this service manual in pdf ?
I think Rf-card of my nrd is lightly damaged (MW-muted).
It would help the repairman.

I've not seen the complete service manual in pdf, but the schematics are in
the files section for this group.

regards

Nigel
GM8PZR

1499. NRD-535D Meter full scale and no sound, HELP!

Yahoo group: nrd-525-535
Date: 2007-07-04 15:45:04 UTC
From: hamguy123
Topic: 1499 Message: 1499

Hi all, I shipped an excellent working NRD-535D to someone, upon receipt there was NO sound from the speaker, ext. speaker, headphones, etc, and the meter is stuck on FULL scale, the RF gain will not lower it at all. All the boards have been re seated 2 times, everything looks fine but no luck. ALL buttons, etc, work as they should (except RF gain won't lower meter as mentioned). Can anyone help PLEASE?

Thanks to all who try.

Adam Farber
adamf@eeco.com

1500. Re: NRD-535 Meter full scale and no sound, HELP!

Yahoo group: nrd-525-535
Date: 2007-07-04 16:16:15 UTC
From: Bill Cotter
Topic: 1500 Message: 1500

Adam,

Remove the top cover, and if is still in the radio, remove the PC board hold-down bracket. Reseat all boards.

I once purchased a 535D to use while I had my own 535D upgraded at KIWA. I used it for quite a while, sold it and shipped it to the buyer. Upon receipt, it was dead. We went through several steps, and discovered that the hold-down bar was missing. Reseating all the boards restored the receiver to normal.

73 bill n4lg

At 11:24 AM 7/4/2007, you wrote:
>Hi all, I shipped an excellent working NRD-535 to someone, upon
>receipt there was NO sound from the speaker, ext. speaker, headphones,
>etc, and the meter is stuck on FULL scale, the RF gain will not lower
>it at all. All the boards have been re seated 2 times, everything
>looks fine but no luck. ALL buttons, etc, work as they should (except
>RF gain won't lower meter as mentioned). Can anyone help PLEASE?
>
>Thanks to all who try.
>
>Adam Farber
>adamf@...
>
>
>
>
>Yahoo! Groups Links
>
>
>

Bill Cotter, N4LG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

1501. Re: NRD-535 Meter full scale and no sound, HELP!

Yahoo group: nrd-525-535
Date: 2007-07-04 18:33:20 UTC
From: hamguy123
Topic: 1500 Message: 1501

Hi Bill, yes, as mentioned in my post we reseated the boards 2 times
but it did not help. Thanks, Adam Farber

--- In nrd-525-535@yahoogroups.com, Bill Cotter <n4alg@...> wrote:
>
> Adam,
>
> Remove the top cover, and if is still in the radio, remove the PC
> board hold-down bracket. Reseat all boards.
>
> I once purchased a 535D to use while I had my own 535D upgraded at
> KIWA. I used it for quite a while, sold it and shipped it to the
> buyer. Upon receipt, it was dead. We went through several steps,
> and discovered that the hold-down bar was missing. Reseating all
> the boards restored the receiver to normal.
>
> 73 bill n4lg
>
>
> At 11:24 AM 7/4/2007, you wrote:
> >Hi all, I shipped an excellent working NRD-535 to someone, upon
> >receipt there was NO sound from the speaker, ext. speaker, headphones,
> >etc, and the meter is stuck on FULL scale, the RF gain will not lower
> >it at all. All the boards have been re seated 2 times, everything
> >looks fine but no luck. ALL buttons, etc, work as they should (except
> >RF gain won't lower meter as mentioned). Can anyone help PLEASE?
> >
> >Thanks to all who try.
> >
> >Adam Farber
> >adamf@...
> >
> >
> >
> >
> >Yahoo! Groups Links
> >
> >
> >
>
>
> --
> Bill Cotter, N4LG E-mail: n4alg@...
> 173 Carolyn Lane Home: (859) 887-5563
> Nicholasville, KY 40356-9340 Work: (859) 323-6474

>
> ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535
> --
>

1502. Re: [nrd-525-535] Re: NRD-535 Meter full scale and no sound, HELP!

Yahoo group: nrd-525-535
Date: 2007-07-05 01:24:42 UTC
From: Bill Cotter
Topic: 1500 Message: 1502

The next step would be to look at the bias supply (mute circuits)
and other PS voltages. After those steps, it's time to get out the
signal generator and start spraying around 455kHz and 70.455mHz
signals.

73 bill

\At 02:33 PM 7/4/2007, you wrote:
>Hi Bill, yes, as mentioned in my post we reseated the boards 2 times
>but it did not help. Thanks, Adam Farber
>
>
>--- In nrd-525-535@yahoogroups.com, Bill Cotter <n4alg@...> wrote:
> >
> > Adam,
> >
> > Remove the top cover, and if is still in the radio, remove the PC
> > board hold-down bracket. Reseat all boards.
> >
> > I once purchased a 535D to use while I had my own 535D upgraded at
> > KIWA. I used it for quite a while, sold it and shipped it to the
> > buyer. Upon receipt, it was dead. We went through several steps,
> > and discovered that the hold-down bar was missing. Reseating all
> > the boards restored the receiver to normal.
> >
> > 73 bill n4lg
> >
> >
> > At 11:24 AM 7/4/2007, you wrote:
> > >Hi all, I shipped an excellent working NRD-535 to someone, upon
> > >receipt there was NO sound from the speaker, ext. speaker,
> headphones,
> > >etc, and the meter is stuck on FULL scale, the RF gain will
> not lower
> > >it at all. All the boards have been re seated 2 times, everything
> > >looks fine but no luck. ALL buttons, etc, work as they should
> (except
> > >RF gain won't lower meter as mentioned). Can anyone help PLEASE?
> > >
> > >Thanks to all who try.
> > >
> > >Adam Farber
> > >adamf@...
> > >
> > >

> > >
> > >
> > >Yahoo! Groups Links
> > >
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> > >
> >
> >
> > --
> > Bill Cotter, N4LG E-mail: n4alg@...
> > 173 Carolyn Lane Home: (859) 887-5563
> > Nicholasville, KY 40356-9340 Work: (859) 323-6474
> >
> > ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535
> > --
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>
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>
>
>Yahoo! Groups Links
>
>
>

Bill Cotter, N4LG E-mail: n4alg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

1503. Re: [nrd-525-535] Re: NRD-535 Meter full scale and no sound, HELP!

Yahoo group: nrd-525-535
Date: 2007-07-05 01:28:21 UTC
From: Adam Farber
Topic: 1500 Message: 1503

Hi Bill, may be a little beyond me but thanks...I know it was damaged in
shipping somehow. Do you know if you can reset the microprocessor in the radio?

Thanks,

Adam

At 09:24 PM 7/4/2007 -0400, you wrote:

>The next step would be to look at the bias supply (mute circuits)
>and other PS voltages. After those steps, it's time to get out the
>signal generator and start spraying around 455kHz and 70.455mHz
>signals.
>
>73 bill
>
>\At 02:33 PM 7/4/2007, you wrote:
> >Hi Bill, yes, as mentioned in my post we reseated the boards 2 times
> >but it did not help. Thanks, Adam Farber
> >
> >
> >--- In
> <mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com, Bill
> Cotter <n4alg@...> wrote:
> > >
> > > Adam,
> > >
> > > Remove the top cover, and if is still in the radio, remove the PC
> > > board hold-down bracket. Reseat all boards.
> > >
> > > I once purchased a 535D to use while I had my own 535D upgraded at
> > > KIWA. I used it for quite a while, sold it and shipped it to the
> > > buyer. Upon receipt, it was dead. We went through several steps,
> > > and discovered that the hold-down bar was missing. Reseating all
> > > the boards restored the receiver to normal.
> > >
> > > 73 bill n4lg
> > >
> > >
> > > At 11:24 AM 7/4/2007, you wrote:
> > > >Hi all, I shipped an excellent working NRD-535 to someone, upon
> > > >receipt there was NO sound from the speaker, ext. speaker,
> > headphones,
> > > >etc, and the meter is stuck on FULL scale, the RF gain will
> > not lower
> > > >it at all. All the boards have been re seated 2 times, everything

> > > >looks fine but no luck. ALL buttons, etc, work as they should
> > (except
> > > >RF gain won't lower meter as mentioned). Can anyone help PLEASE?
> > > >
> > > >Thanks to all who try.
> > > >
> > > >Adam Farber
> > > >adamf@...
> > > >
> > > >
> > > >
> > > >
> > > >Yahoo! Groups Links
> > > >
> > > >
> > > >
> > >
> > >
> > > --
> > > Bill Cotter, N4LG E-mail: n4alg@...
> > > 173 Carolyn Lane Home: (859) 887-5563
> > > Nicholasville, KY 40356-9340 Work: (859) 323-6474
> > >
> > > ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535
> > > --
> > >
> >
> >
> >
> >
> >
> >Yahoo! Groups Links
> >
> >
> >
>
>--
>Bill Cotter, N4LG E-mail: <mailto:n4alg%40qx.net>n4alg@...
>173 Carolyn Lane Home: (859) 887-5563
>Nicholasville, KY 40356-9340 Work: (859) 323-6474
>
>ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535
>--
>
>

1504. 525 Variants

Yahoo group: nrd-525-535
Date: 2007-07-08 16:00:53 UTC
From: tortman166
Topic: 1504 Message: 1504

Can Anyone Help I Have Seen 2 Radios For Sale 1Is A Nrd525 & The Other Is A nrd525G What Is The Differance? Is It Like Kenwood Where The End Letter Denotes Country Of Origin & Denotes The Range Of The Receiver
Thank You Richard

1505. Re: [nrd-525-535] 525 Variants

Yahoo group: nrd-525-535
Date: 2007-07-08 16:16:21 UTC
From: aidehua@aol.com
Topic: 1504 Message: 1505

I think the "G" means it was modified by the defunct Gilfer Shortwave,
probably with improved filtering, etc....

Good luck!

Ed NI6S

********** See what's free at http://www.aol.com.

1506. Re: [nrd-525-535] 525 Variants

Yahoo group: nrd-525-535
Date: 2007-07-08 20:27:12 UTC
From: gandalfg8@aol.com
Topic: 1504 Message: 1506

In a message dated 08/07/2007 17:21:42 GMT Daylight Time, aidehua@...
writes:

I think the "G" means it was modified by the defunct Gilfer Shortwave,
probably with improved filtering, etc....

The NRD535G was the UK version, I suspect the same applies to the 525.
That was a JRC designation, so doubt anything to do with Gilfer

As far as I know there are no differences in coverage etc for sets sold in
different countries, that is normally only an issue at VHF/UHF.

Regards

Nigel
GM8PZR

1507. Re: 525 Variants

Yahoo group: nrd-525-535
Date: 2007-07-09 15:33:52 UTC
From: Paul Lannuier
Topic: 1504 Message: 1507

Nigel is correct. The "G" designated the European version in which the power transformer was factory-set for 220VAC, and the supplied AC cord is compatible with European mains outlets. This is easily changed if used in the USA or elsewhere. The "G" had nothing to do with Gilfer.

73,
Paul WW2PT

> The NRD535G was the UK version, I suspect the same applies to the 525.
> That was a JRC designation, so doubt anything to do with Gilfer
>
> As far as I know there are no differences in coverage etc for sets sold in
> different countries, that is normally only an issue at VHF/UHF.
>
> Regards
>
> Nigel
> GM8PZR

1508. 12 volt power supply question

Yahoo group: nrd-525-535
Date: 2007-07-14 14:44:21 UTC
From: Emmett
Topic: 1508 Message: 1508

I have been thinking of using a 12v power supply with my NRD-535D. The AC supply is getting noisy so instead of repairing it I thought an external 12v supply would be a good idea. Is there a 12 volt supply that matches fairly closely the styling of the NRD-535?

1509. Re: [nrd-525-535] 12 volt power supply question

Yahoo group: nrd-525-535
Date: 2007-07-14 14:57:42 UTC
From: Robert W. Betts
Topic: 1508 Message: 1509

Do you have the matching speaker?
I'm using an NVA-88 and there is plenty of room in there for a suitable PS.
You won't need a lot of amps, but I'd stay clear of switching supplies and go with a linear, regulated type. You can check All Electronics - they always have a variety of them coming and going. Another option, if you are a builder, is to assemble one of the regulated kits from Velleman or Carl's Electronics, etc.
Good listening,
Bob, N1KPR

Emmett <bear_77586@...> wrote:
I have been thinking of using a 12v power supply with my NRD-535D. The
AC supply is getting noisy so instead of repairing it I thought an
external 12v supply would be a good idea. Is there a 12 volt supply
that matches fairly closely the styling of the NRD-535?

http://www.bobsamerica.com

1510. NRD-535D bad ECSS (CMF-78) card

Yahoo group: nrd-525-535
Date: 2007-07-14 20:06:30 UTC
From: hamguy123
Topic: 1510 Message: 1510

Hi all, I have an NRD-535D and the ECSS (CMF-78) card is not working, when it's plugged in, the radio has NO reception (no sound) through any speaker and the meter is full scale, as if the RF Gain is turned all the way up (which it is not). When I remove the card the radio receives properly and seems to work as it should. The card looks fine but obviously something is wrong with it. Any help appreciated!

Thnks,

Adam Farber
Cooper City, FL
adamf@...

1511. Re: [nrd-525-535] NRD-535D bad ECSS (CMF-78) card

Yahoo group: nrd-525-535
Date: 2007-07-15 03:57:53 UTC
From: John Dokulil
Topic: 1510 Message: 1511

Adam:

The ECSS (CMF-78) card MUST be installed correctly so ALL the pins on said card are making a good connection to the receivers mother board. If just one of the pins do not seat correctly, what happens is exactly what you described. Make sure that all the pins on the ECSS (CMF-78) card are present, straight and clean. Then check the receiving pin out of your 535 to make sure that they are also present, straight and clean.

If they are and it still does not work, use an ohm meter and check to make sure that all the pins on the board are actually electronically connected to the board itself... (in other words.. No bad or cold solder joints from the pins to the board circuitry). Then also check the receivers socket pins.

Good luck

John Dokulil
WDX6GMX

----- Original Message -----
From: hamguy123
To: nrd-525-535@yahoogroups.com
Sent: Saturday, July 14, 2007 1:06 PM
Subject: [nrd-525-535] NRD-535D bad ECSS (CMF-78) card

Hi all, I have an NRD-535D and the ECSS (CMF-78) card is not working,
when it's plugged in, the radio has NO reception (no sound) through
any speaker and the meter is full scale, as if the RF Gain is turned
all the way up (which it is not). When I remove the card the radio
receives properly and seems to work as it should. The card looks fine
but obviously something is wrong with it. Any help appreciated!

Thnks,

Adam Farber
Cooper City, FL
adamf@...

1512. Re: 12 volt power supply question

Yahoo group: nrd-525-535
Date: 2007-07-15 12:42:35 UTC
From: g3vvt@aol.com
Topic: 1508 Message: 1512

Hi,

Before you go off at a tangent, consider what the problem is with your NRD-535D.
How would you describe the type of noise you are getting? Is it a mechanical noise from say the AC supply transformer or some other type of noise? Is it there with the audio gain at minimum?

Noise from AC supply transformers can usually be cleared by tightening the through bolts to stop the laminations rattling. Occasionally some buffering with thin rubber sheet can be beneficial with stubborn cases. Also check the fixing bolts of the transformer to the chassis.

It makes better sense to try to fix what the problem is before trying to re-invent the wheel!

Regards,
Bob, G3VVT

1513. Re: 12 volt power supply question

Yahoo group: nrd-525-535
Date: 2007-07-15 20:25:35 UTC
From: Emmett
Topic: 1508 Message: 1513

Agreed..Thanks for the tip..Emmett

--- In nrd-525-535@yahoogroups.com, g3vvt@... wrote:
>
> Hi,
>
> Before you go off at a tangent, consider what the problem is with your
> NRD-535D.
> How would you describe the type of noise you are getting? Is it a
mechanical
> noise from say the AC supply transformer or some other type of
noise? Is it
> there with the audio gain at minimum?
>
> Noise from AC supply transformers can usually be cleared by
tightening the
> through bolts to stop the laminations rattling. Occasionally some
buffering
> with thin rubber sheet can be beneficial with stubborn cases. Also
check the
> fixing bolts of the transformer to the chassis.
>
> It makes better sense to try to fix what the problem is before
trying to
> re-invent the wheel!
>
> Regards,
> Bob, G3VVT
>

1514. Fwd: Re: Grundig G5

Yahoo group: nrd-525-535
Date: 2007-07-30 06:32:49 UTC
From: Frank DeMarco
Topic: 1514 Message: 1514
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1515. NRD-535 RF-BOARD RELAYS, change over frequencies

Yahoo group: nrd-525-535
Date: 2007-08-02 05:34:39 UTC
From: Jaakko Parantainen
Topic: 1515 Message: 1515

Hi !
I am wondering if my rf-board is faulty or not and
I am trying to check that.
When scanning through frequencies the relays k2-k7
change their state, (controlled by IC1).
The change-over frequencies are
800, 1600, 2650, 4400, 7400 and 12300 KHz.
At least you can a hear "click" at those frequencies.
Could someone check what happens when rolling through
the whole frequency area, are they same ?
Br

_____
Express yourself instantly with MSN Messenger! Download today it's FREE!
http://messenger.msn.click-url.com/go/onm00200471ave/direct/01/

1516. Re: [nrd-525-535] NRD-535 RF-BOARD RELAYS, change over frequencies

Yahoo group: nrd-525-535
Date: 2007-08-02 09:21:32 UTC
From: gandalfg8@aol.com
Topic: 1515 Message: 1516

In a message dated 02/08/2007 06:35:41 GMT Daylight Time,
not_a_real@... writes:

I am wondering if my rf-board is faulty or not and
I am trying to check that.
When scanning through frequencies the relays k2-k7
change their state, (controlled by IC1).
The change-over frequencies are
800, 1600, 2650, 4400, 7400 and 12300 KHz.
At least you can a hear "click" at those frequencies.
Could someone check what happens when rolling through
the whole frequency area, are they same ?

Hi BR

My 535 is in storage so can't do a live test, and my service manual is with it so can't get at the full circuit description either, but I have just taken a look at the schematics, available in group files but should be in the user manual too, and what you're seeing/hearing seems about right, although I can't be sure on some of the switching frequencies.

There are six tunable bandpass filters in the front end plus one not tunable that covers 1.6 to 30 MHz.
The untuned wideband filter can be selected as a computer control option that completely bypasses the tunable front end. JRC do not recommend this, (see user manual), but it could be a very useful test if you're having doubts re the tunable sections. I don't know if there's any way you could select this from the front panel but there's plenty of free software available online that would enable a quick test via a computer connection.

Anyway, of the tunable sections, three have two relays switching components within the filter as well as the diode switching to select them.
These are .....Band two, 0.4 to 1.6MHz, using relays K2 and K3.....Band three, 1.6 to 4.4 MHz, using relays K4and K5.....Band four, 4.4 to 12.3 MHz, using relays K6 and K7.

You are hearing relays switching at the band edges as I would expect, nothing heard at 400 KHz probably just means the relays are off in the first half of the band so that's probably ok too, and at one other frequency within each band as determined by the firmware.

The band edge switching is achieved via the band switching decoding that also activates the selection diodes, and the intermediate switching looks to be

via the "SUB" control line.
I have no way of confirming the other switching frequencies without the set in front of me, but the fact that the relays are switching within each band, and somewhere in the region of the band centre, would suggest the control section is working OK.
It's unlikely the "SUB" switching frequencies would be wrong without firmware corruption and I'm sure this would show other symptoms.

Aside from general component failure, most likely problems with the tunable front end might be faulty switching diodes, faulty tuning diodes, or faulty relays.
I would have expected these to be fairly obvious as sensitivity problems within a particular band.
A faulty attenuator relay could give overall reduced sensitivity and this could be metered, but bypassing the tunable filters wouldn't help in that case.

What exactly is it that makes you think there could be a problem with your RF board?

regards

Nigel
GM8PZR

1517. Re: NRD-535 RF-BOARD RELAYS, change over frequencies

Yahoo group: nrd-525-535
Date: 2007-08-02 17:44:13 UTC
From: christophe525
Topic: 1515 Message: 1517

Hello,

you can see here, all the HF filters, K2-K7 relays and frequencies:
http://perso.orange.fr/geip/filtres.htm#HFtune

Best regards,
Christophe

QRV@...

http://perso.orange.fr/geip/NRD525En.htm

--- In nrd-525-535@yahoogroups.com, gandalfg8@... wrote:
>
>
> In a message dated 02/08/2007 06:35:41 GMT Daylight Time,
> not_a_real@... writes:
>
> I am wondering if my rf-board is faulty or not and
> I am trying to check that.
> When scanning through frequencies the relays k2-k7
> change their state, (controlled by IC1).
> The change-over frequencies are
> 800, 1600, 2650, 4400, 7400 and 12300 KHz.
> At least you can a hear "click" at those frequencies.
> Could someone check what happens when rolling through
> the whole frequency area, are they same ?
>
>
>
> ----------
>
> Hi BR
>
> My 535 is in storage so can't do a live test, and my service manual
is with
> it so can't get at the full circuit description either, but I have
just taken
> a look at the schematics, available in group files but should be
in the user
> manual too, and what you're seeing/hearing seems about right,
although I
> can't be sure on some of the switching frequencies.
>
> There are six tunable bandpass filters in the front end plus one
not tunable

> that covers 1.6 to 30 MHz.
> The untuned wideband filter can be selected as a computer control
option
> that completely bypasses the tunable front end. JRC do not
recommend this, (see
> user manual), but it could be a very useful test if you're having
doubts re
> the tunable sections. I don't know if there's any way you could
select this
> from the front panel but there's plenty of free software available
online that
> would enable a quick test via a computer connection.
>
> Anyway, of the tunable sections, three have two relays switching
components
> within the filter as well as the diode switching to select them.
> These are .....Band two, 0.4 to 1.6MHz, using relays K2 and
K3.....Band
> three, 1.6 to 4.4 MHz, using relays K4and K5.....Band four, 4.4 to
12.3 MHz,
> using relays K6 and K7.
>
> You are hearing relays switching at the band edges as I would
expect,
> nothing heard at 400 KHz probably just means the relays are off in
the first half
> of the band so that's probably ok too, and at one other frequency
within each
> band as determined by the firmware.
>
> The band edge switching is achieved via the band switching
decoding that
> also activates the selection diodes, and the intermediate
switching looks to be
> via the "SUB" control line.
> I have no way of confirming the other switching frequencies
without the set
> in front of me, but the fact that the relays are switching within
each band,
> and somewhere in the region of the band centre, would suggest the
control
> section is working OK.
> It's unlikely the "SUB" switching frequencies would be wrong
without
> firmware corruption and I'm sure this would show other symptoms.
>
> Aside from general component failure, most likely problems with
the tunable
> front end might be faulty switching diodes, faulty tuning diodes,
or faulty

> relays.
> I would have expected these to be fairly obvious as sensitivity
problems
> within a particular band.
> A faulty attenuator relay could give overall reduced sensitivity
and this
> could be metered, but bypassing the tunable filters wouldn't help
in that case.
>
> What exactly is it that makes you think there could be a problem
with your
> RF board?
>
> regards
>
> Nigel
> GM8PZR
>

1518. Re: [nrd-525-535] Re: NRD-535 RF-BOARD RELAYS, change over frequencies

Yahoo group: nrd-525-535
Date: 2007-08-02 18:06:14 UTC
From: gandalfg8@aol.com
Topic: 1515 Message: 1518

In a message dated 02/08/2007 18:46:03 GMT Daylight Time, QRV@...
writes:

Hello,

you can see here, all the HF filters, K2-K7 relays and frequencies:
http://perso.http://perhttp://perso.http://per
(http://perso.orange.fr/geip/filtres.htm#HFtune)

Best regards,
Christophe

Hi Christophe

Many thanks for the very useful information, I've filed that with my 525
data, and a copy with the 535 data too.

I hadn't realised quite how similar the RF sections were in the 525 and 535
but your figures obviously match the frequencies quoted and confirm that the
switching logic is fine.

regards

Nigel
GM8PZR

1519. Re: [nrd-525-535] NRD-535 RF-BOARD RELAYS, change over frequencies

Yahoo group: nrd-525-535
Date: 2007-08-02 17:23:06 UTC
From: QRV
Topic: 1515 Message: 1519

Hello,

you can see here, all the HF filters, K2-K7 relays and frequencies:
http://perso.orange.fr/geip/filtres.htm#HFtune

Best regards,
Christophe B.

QRV@...

http://perso.orange.fr/geip/NRD525En.htm

----- Original Message -----
From: gandalfg8@...
To: nrd-525-535@yahoogroups.com
Sent: Thursday, August 02, 2007 11:21 AM
Subject: Re: [nrd-525-535] NRD-535 RF-BOARD RELAYS, change over frequencies

In a message dated 02/08/2007 06:35:41 GMT Daylight Time, not_a_real@... writes:
I am wondering if my rf-board is faulty or not and
I am trying to check that.
When scanning through frequencies the relays k2-k7
change their state, (controlled by IC1).
The change-over frequencies are
800, 1600, 2650, 4400, 7400 and 12300 KHz.
At least you can a hear "click" at those frequencies.
Could someone check what happens when rolling through
the whole frequency area, are they same ?

Hi BR

My 535 is in storage so can't do a live test, and my service manual is with it so can't get at the full circuit description either, but I have just taken a look at the schematics, available in group files but should be in the user manual too, and what you're seeing/hearing seems about right, although I can't be sure on some of the switching frequencies.

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Anyway, of the tunable sections, three have two relays switching components within the filter as well as the diode switching to select them.
These are .....Band two, 0.4 to 1.6MHz, using relays K2 and K3.....Band three, 1.6 to 4.4 MHz, using relays K4and K5.....Band four, 4.4 to 12.3 MHz, using relays K6 and K7.

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It's unlikely the "SUB" switching frequencies would be wrong without firmware corruption and I'm sure this would show other symptoms.

Aside from general component failure, most likely problems with the tunable front end might be faulty switching diodes, faulty tuning diodes, or faulty relays.
I would have expected these to be fairly obvious as sensitivity problems within a particular band.
A faulty attenuator relay could give overall reduced sensitivity and this could be metered, but bypassing the tunable filters wouldn't help in that case.

What exactly is it that makes you think there could be a problem with your RF board?

regards

Nigel
GM8PZR

1520. NRD-535 owner seeks info on RS-232 Male 25-pin null modem cable to USB

Yahoo group: nrd-525-535
Date: 2007-08-05 16:42:16 UTC
From: wbovi
Topic: 1520 Message: 1520

Greetings all. I'm a newbie here and even though I've had the NRD-535 for years, a novice with it, really.

I need some cable advice from the group please.

A friend of mine put a RS-232 device into the 535's RS 25-pin port. This device literally has individual wired jumpers to replicate the appropriate 535 pinouts. From this device I've
got a 25-pin RS-232 Male null modem cable attached and the other end is a DB9 Female. Now, I know that there are DB9 Male to USB converters but I was hoping for something more elegant like an 25-pin Male null modem cable that terminates directly to USB. I assume that this cable would need to have a USB driver to work with a PC, right?

This issue came up for two reasons. I needed a longer cable to reach from the NRD-535 to the computer due to a rearrangement of the room's contents and due to the new PC I got which has USB but no DB9 Male connector.

Any advice, direction, help you could give would be appreciated. I need a cable that's about 15' long.

Thanks!
wbovi

1521. NRD-535 computer controlled programs for the 2000s...and Vista

Yahoo group: nrd-525-535
Date: 2007-08-05 17:30:39 UTC
From: wbovi
Topic: 1521 Message: 1521

Hello all.

I'm a Mac guy, through and through, but have used PCs to control my NRD-535 swr for years.

I recently bought a new Dell Inspiron 530 with the Vista Home Premium OS package and would like to get crankin' again with radio control.

A friend of mine tweaked a great old DOS program to work with Windows XP. That program, "NRD", is now looking for a ".PIF" file that it needs. I've got NRDWIN from years past but it is squawking too.

Can anyone suggest any good modern computer control programs for the NRD-535. If it is FREE, great, please tell me where to find it. If it is for sale and you can vouch for the
program, that would be great too. If you've got something you could attach to an email that would work as well. And, of course, up-to-date frequency info is critical, right?

Am I correct in assuming that JRC has abandoned the shortwave market?

Thanks for your assistance folks!

wbovi

1522. RE: [nrd-525-535] NRD-535 computer controlled programs for the 2000s...and Vista

Yahoo group: nrd-525-535
Date: 2007-08-06 08:19:13 UTC
From: Not Areal
Topic: 1521 Message: 1522

Hi !
I have used Rxwings-porgram, its free and works fine.
Detailed rs232-cable pin-out is in Rxwings-help-file.
I just bought some cable/suitable terminals and made it my self.

USB-to serial converters sometimes work fine, sometimes not,
so if possible start testing with other computer that has RS232.

USB-converters have their own drivers with them in CD.
Its usually either COM1 or COM3 in windows.

I guess vista does not support RS232 anymore,
atleast thats what I have heard ?

Br

>From: "wbovi" <wbovi@...>
>Reply-To: nrd-525-535@yahoogroups.com
>To: nrd-525-535@yahoogroups.com
>Subject: [nrd-525-535] NRD-535 computer controlled programs for the
>2000s...and Vista
>Date: Sun, 05 Aug 2007 17:30:39 -0000
>
>Hello all.
>
>I'm a Mac guy, through and through, but have used PCs to control my NRD-535
>swr for
>years.
>
>I recently bought a new Dell Inspiron 530 with the Vista Home Premium OS
>package and
>would like to get crankin' again with radio control.
>
>A friend of mine tweaked a great old DOS program to work with Windows XP.
>That
>program, "NRD", is now looking for a ".PIF" file that it needs. I've got
>NRDWIN from years
>past but it is squawking too.
>
>Can anyone suggest any good modern computer control programs for the
>NRD-535. If it
>is FREE, great, please tell me where to find it. If it is for sale and you
>can vouch for the
>program, that would be great too. If you've got something you could attach
>to an email

>that would work as well. And, of course, up-to-date frequency info is
>critical, right?
>
>Am I correct in assuming that JRC has abandoned the shortwave market?
>
>Thanks for your assistance folks!
>
>wbovi
>
>
>
>
>Yahoo! Groups Links
>
>
>

FREE pop-up blocking with the new MSN Toolbar - get it now!
http://toolbar.msn.click-url.com/go/onm00200415ave/direct/01/

1523. RE: [nrd-525-535] NRD-535 computer controlled programs for the 2000s...and Vista

Yahoo group: nrd-525-535
Date: 2007-08-06 23:10:54 UTC
From: listen2somethingelse iconia
Topic: 1521 Message: 1523

Thanks for your kind reply Br!

I appreciate your tips and suggestions.

Thanks a lot!

wbovi
--- Not Areal <not_a_real@...> wrote:

> Hi !
> I have used Rxwings-porgram, its free and works
> fine.
> Detailed rs232-cable pin-out is in
> Rxwings-help-file.
> I just bought some cable/suitable terminals and made
> it my self.
>
> USB-to serial converters sometimes work fine,
> sometimes not,
> so if possible start testing with other computer
> that has RS232.
>
> USB-converters have their own drivers with them in
> CD.
> Its usually either COM1 or COM3 in windows.
>
> I guess vista does not support RS232 anymore,
> atleast thats what I have heard ?
>
> Br
>
>
> >From: "wbovi" <wbovi@...>
> >Reply-To: nrd-525-535@yahoogroups.com
> >To: nrd-525-535@yahoogroups.com
> >Subject: [nrd-525-535] NRD-535 computer controlled
> programs for the
> >2000s...and Vista
> >Date: Sun, 05 Aug 2007 17:30:39 -0000
> >
> >Hello all.
> >
> >I'm a Mac guy, through and through, but have used
> PCs to control my NRD-535
> >swr for

> >years.
> >
> >I recently bought a new Dell Inspiron 530 with the
> Vista Home Premium OS
> >package and
> >would like to get crankin' again with radio
> control.
> >
> >A friend of mine tweaked a great old DOS program to
> work with Windows XP.
> >That
> >program, "NRD", is now looking for a ".PIF" file
> that it needs. I've got
> >NRDWIN from years
> >past but it is squawking too.
> >
> >Can anyone suggest any good modern computer control
> programs for the
> >NRD-535. If it
> >is FREE, great, please tell me where to find it. If
> it is for sale and you
> >can vouch for the
> >program, that would be great too. If you've got
> something you could attach
> >to an email
> >that would work as well. And, of course, up-to-date
> frequency info is
> >critical, right?
> >
> >Am I correct in assuming that JRC has abandoned the
> shortwave market?
> >
> >Thanks for your assistance folks!
> >
> >wbovi
> >
> >
> >
> >
> >Yahoo! Groups Links
> >
> >
> >
>
>

> FREE pop-up blocking with the new MSN Toolbar - get
> it now!
>
http://toolbar.msn.click-url.com/go/onm00200415ave/direct/01/

>
>

Take the Internet to Go: Yahoo!Go puts the Internet in your pocket: mail, news, photos & more.
http://mobile.yahoo.com/go?refer=1GNXIC

1524. Re: NRD-535 computer controlled programs for the 2000s...and Vista

Yahoo group: nrd-525-535
Date: 2007-08-06 23:12:54 UTC
From: wbovi
Topic: 1521 Message: 1524

Thank you for your suggestions and tips Br.

wbovi

--- In nrd-525-535@yahoogroups.com, "Not Areal" <not_a_real@...> wrote:
>
> Hi !
> I have used Rxwings-porgram, its free and works fine.
> Detailed rs232-cable pin-out is in Rxwings-help-file.
> I just bought some cable/suitable terminals and made it my self.
>
> USB-to serial converters sometimes work fine, sometimes not,
> so if possible start testing with other computer that has RS232.
>
> USB-converters have their own drivers with them in CD.
> Its usually either COM1 or COM3 in windows.
>
> I guess vista does not support RS232 anymore,
> atleast thats what I have heard ?
>
> Br
>
>
> >From: "wbovi" <wbovi@...>
> >Reply-To: nrd-525-535@yahoogroups.com
> >To: nrd-525-535@yahoogroups.com
> >Subject: [nrd-525-535] NRD-535 computer controlled programs for the
> >2000s...and Vista
> >Date: Sun, 05 Aug 2007 17:30:39 -0000
> >
> >Hello all.
> >
> >I'm a Mac guy, through and through, but have used PCs to control my NRD-535
> >swr for
> >years.
> >
> >I recently bought a new Dell Inspiron 530 with the Vista Home Premium OS
> >package and
> >would like to get crankin' again with radio control.
> >
> >A friend of mine tweaked a great old DOS program to work with Windows XP.
> >That
> >program, "NRD", is now looking for a ".PIF" file that it needs. I've got
> >NRDWIN from years
> >past but it is squawking too.

> >
> >Can anyone suggest any good modern computer control programs for the
> >NRD-535. If it
> >is FREE, great, please tell me where to find it. If it is for sale and you
> >can vouch for the
> >program, that would be great too. If you've got something you could attach
> >to an email
> >that would work as well. And, of course, up-to-date frequency info is
> >critical, right?
> >
> >Am I correct in assuming that JRC has abandoned the shortwave market?
> >
> >Thanks for your assistance folks!
> >
> >wbovi
> >
> >
> >
> >
> >Yahoo! Groups Links
> >
> >
> >
>
> ---
> FREE pop-up blocking with the new MSN Toolbar - get it now!
> http://toolbar.msn.click-url.com/go/onm00200415ave/direct/01/
>

1525. NRD-535 modifications; display noise, better audio, MW-sensitivity

Yahoo group: nrd-525-535
Date: 2007-08-24 17:21:34 UTC
From: notareallyreal
Topic: 1525 Message: 1525

Has anyone schematics or instructions for those modifications ?
It would be very nice to have them in the files section !
BR

1526. This active group.

Yahoo group: nrd-525-535
Date: 2007-08-25 20:02:30 UTC
From: Jack
Topic: 1526 Message: 1526

Fellow members: So glad to see this group still active and in existance. Repectfully, Jack

1527. Help!!! My 535d Display Is Out

Yahoo group: nrd-525-535
Date: 2007-10-13 03:40:28 UTC
From: northwoods00
Topic: 1527 Message: 1527

the radio still works perfect however the display is gone. its like driving with a blind fold on. any ideas anyone? i called universal radio and they fix jrc gear...with a 2 month waite just to open her up.

1528. Re: [nrd-525-535] Help!!! My 535d Display Is Out

Yahoo group: nrd-525-535
Date: 2007-10-13 09:26:35 UTC
From: ka4prf
Topic: 1527 Message: 1528

Why can't you fix it yourself? The receiver was designed so that
the user could get new boards and replace those that are bad.
That is all that Universal does. A new board for the display
would cost about 250 USD. The problem is getting it.

Telephone JRC in New York on Monday (201) 242 1882, and
ask for Mr. Kito. He can order the display board for you. Of
course he will tell you to go to Universal, but if you can convince
him that that's not possible some how, you might save yourself
a whole lot of dollars and months of waiting.

I don't understand why a company like JRC designs a receiver
with easy repair by exchanging circuit boards, and then turns
around making it impossible to obtain the circuits in a timely
manner. Incidently, if you are ever able to get a circuit board
from Universal for the receiver, the cost is increased considerably.

----- Original Message -----
From: northwoods00
To: nrd-525-535@yahoogroups.com
Sent: Saturday, October 13, 2007 04:40
Subject: [nrd-525-535] Help!!! My 535d Display Is Out

the radio still works perfect however the display is gone. its like
driving with a blind fold on. any ideas anyone? i called universal
radio and they fix jrc gear...with a 2 month waite just to open her up.

1529. Re: [nrd-525-535] Help!!! My 535d Display Is Out

Yahoo group: nrd-525-535
Date: 2007-10-13 14:20:52 UTC
From: Bill Cotter
Topic: 1527 Message: 1529

Before you go to the expense and delay of having Universal repair
the radio, or ordering a new board - try to find the service
manual, and figure out what is wrong. A dead whatever is FAR easier
to troubleshoot that an intermittent, distortion or some other
elusive problem. You might find the repair is simpler than you think.

73 bill n4lg

At 11:40 PM 10/12/2007, you wrote:

>the radio still works perfect however the display is gone. its like
>driving with a blind fold on. any ideas anyone? i called universal
>radio and they fix jrc gear...with a 2 month waite just to open
>her up.
>
>

1530. Re: [nrd-525-535] Help!!! My 535d Display Is Out

Yahoo group: nrd-525-535
Date: 2007-10-13 14:25:28 UTC
From: Robert W. Betts
Topic: 1527 Message: 1530

Mine went out a while back and I reset the micro (I hope I'm remembering correctly - was that radio) and all was fine. I'm at work and don't have the book here, but it's worth a shot if you haven't already.
Bob

Bill Cotter <n4lg@...> wrote:
Before you go to the expense and delay of having Universal repair
the radio, or ordering a new board - try to find the service
manual, and figure out what is wrong. A dead whatever is FAR easier
to troubleshoot that an intermittent, distortion or some other
elusive problem. You might find the repair is simpler than you think.

73 bill n4lg

At 11:40 PM 10/12/2007, you wrote:

>the radio still works perfect however the display is gone. its like
>driving with a blind fold on. any ideas anyone? i called universal
>radio and they fix jrc gear...with a 2 month waite just to open
>her up.
>
>

http://www.bobsamerica.com

1531. Re: [nrd-525-535] Help!!! My 535d Display Is Out

Yahoo group: nrd-525-535
Date: 2007-10-13 21:13:10 UTC
From: Bill Cotter
Topic: 1527 Message: 1531

Bob,

Do you remember the commands to reset the radio? Hard reset vs soft reset?

73 bill n4lg

At 10:25 AM 10/13/2007, you wrote:

>Mine went out a while back and I reset the micro (I hope I'm
>remembering correctly - was that radio) and all was fine. I'm at
>work and don't have the book here, but it's worth a shot if you
>haven't already.
>Bob
>
>Bill Cotter <n4lg@...> wrote:
>Before you go to the expense and delay of having Universal repair
>the radio, or ordering a new board - try to find the service
>manual, and figure out what is wrong. A dead whatever is FAR easier
>to troubleshoot that an intermittent, distortion or some other
>elusive problem. You might find the repair is simpler than you think.
>
>73 bill n4lg
>
>At 11:40 PM 10/12/2007, you wrote:
>
> >the radio still works perfect however the display is gone. its like
> >driving with a blind fold on. any ideas anyone? i called universal
> >radio and they fix jrc gear...with a 2 month waite just to open
> >her up.
> >
> >
>
>
>
>
>http://www.bobsamerica.com
>

1532. Re: [nrd-525-535] Help!!! My 535d Display Is Out

Yahoo group: nrd-525-535
Date: 2007-10-13 22:00:47 UTC
From: W. Curt Deegan
Topic: 1527 Message: 1532

Bill,

I was digging through manuals and happen to have my NRD-535 one handy.

The RS-232 reset commands are:
Z1<CR> Clear all memory channels
Z2<CR> Reset user definitions to factory default settings
Z3<CR> Total reset (both Z1 & Z2 commands)

Hope I didn't misunderstand your question.

Curt

W. Curt Deegan
Boca Raton, (southeast) Florida, USA

At 05:13 PM 10/13/2007, you wrote:
>Bob,
>
>Do you remember the commands to reset the radio? Hard reset vs soft
>reset?
>
>73 bill n4lg

1533. Re: [?? Probable Spam] Re: [nrd-525-535] Help!!! My 535d Display Is Out

Yahoo group: nrd-525-535
Date: 2007-10-13 22:23:31 UTC
From: Reinhold Schuttkowski
Topic: 1527 Message: 1533

Any chance of doing this directly on the receiver without RS232?

Thanks!

Reinhold

----- Original Message -----
From: "W. Curt Deegan" <WWWR@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, October 14, 2007 12:00 AM
Subject: [?? Probable Spam] Re: [nrd-525-535] Help!!! My 535d Display Is Out

> Bill,
>
> I was digging through manuals and happen to have my NRD-535 one handy.
>
> The RS-232 reset commands are:
> Z1<CR> Clear all memory channels
> Z2<CR> Reset user definitions to factory default settings
> Z3<CR> Total reset (both Z1 & Z2 commands)
>
> Hope I didn't misunderstand your question.
>
> Curt
> -------
> W. Curt Deegan
> Boca Raton, (southeast) Florida, USA
>
>
> At 05:13 PM 10/13/2007, you wrote:
>>Bob,
>>
>>Do you remember the commands to reset the radio? Hard reset vs soft
>>reset?
>>
>>73 bill n4lg
>
>
>

1534. Re: [nrd-525-535] Help!!! My 535d Display Is Out

Yahoo group: nrd-525-535
Date: 2007-10-13 22:44:43 UTC
From: Robert W. Betts
Topic: 1527 Message: 1534

Sorry, no I don't.
I hope I'm not thinking about the 545 and confusing it with the 535.
I just got in and quickly looked at the book, but didn't see anything about the micro.
I'll have to dig out the Service Manual...maybe take a look around the Internet.
Bob

Bill Cotter <n4lg@...> wrote:
Bob,

Do you remember the commands to reset the radio? Hard reset vs soft
reset?

73 bill n4lg

At 10:25 AM 10/13/2007, you wrote:

>Mine went out a while back and I reset the micro (I hope I'm
>remembering correctly - was that radio) and all was fine. I'm at
>work and don't have the book here, but it's worth a shot if you
>haven't already.
>Bob
>
>Bill Cotter <n4lg@...> wrote:
>Before you go to the expense and delay of having Universal repair
>the radio, or ordering a new board - try to find the service
>manual, and figure out what is wrong. A dead whatever is FAR easier
>to troubleshoot that an intermittent, distortion or some other
>elusive problem. You might find the repair is simpler than you think.
>
>73 bill n4lg
>
>At 11:40 PM 10/12/2007, you wrote:
>
> >the radio still works perfect however the display is gone. its like
> >driving with a blind fold on. any ideas anyone? i called universal
> >radio and they fix jrc gear...with a 2 month waite just to open
> >her up.
> >
> >
>
>
>
>
>http://www.bobsamerica.com
>

http://www.bobsamerica.com

1535. Re: [nrd-525-535] Help!!! My 535d Display Is Out

Yahoo group: nrd-525-535
Date: 2007-10-13 23:21:58 UTC
From: Robert W. Betts
Topic: 1527 Message: 1535

Bill:
All I could find was a reference to being sure the daughter boards were seated well. On some plug-in gear, even though the boards are seated, one of the fingers may not be making proper contact. If you have the cover off, you might want to check that.
Also, I'm must be going nuts, I'm sure I reset the micro on one of the JRC's last year, but for the life of me I can't find anything in the books. I know on one of them, you can push the 'clr' button and hold it down while turning the power on. Not sure if that clears memories or just resets to factory defaults.
Sorry for the confusion.
Bob

"Robert W. Betts" <rwbetts@...> wrote:
Sorry, no I don't.
I hope I'm not thinking about the 545 and confusing it with the 535.
I just got in and quickly looked at the book, but didn't see anything about the micro.
I'll have to dig out the Service Manual...maybe take a look around the Internet.
Bob

Bill Cotter <n4lg@...> wrote:
Bob,

Do you remember the commands to reset the radio? Hard reset vs soft
reset?

73 bill n4lg

At 10:25 AM 10/13/2007, you wrote:

>Mine went out a while back and I reset the micro (I hope I'm
>remembering correctly - was that radio) and all was fine. I'm at
>work and don't have the book here, but it's worth a shot if you
>haven't already.
>Bob
>
>Bill Cotter <n4lg@...> wrote:
>Before you go to the expense and delay of having Universal repair
>the radio, or ordering a new board - try to find the service
>manual, and figure out what is wrong. A dead whatever is FAR easier
>to troubleshoot that an intermittent, distortion or some other
>elusive problem. You might find the repair is simpler than you think.
>
>73 bill n4lg
>
>At 11:40 PM 10/12/2007, you wrote:
>
> >the radio still works perfect however the display is gone. its like

> >driving with a blind fold on. any ideas anyone? i called universal
> >radio and they fix jrc gear...with a 2 month waite just to open
> >her up.
> >
> >
>
>
>
>
>http://www.bobsamerica.com
>

http://www.bobsamerica.com

http://www.bobsamerica.com

1536. Re: [?? Probable Spam] Re: [nrd-525-535] Help!!! My 535d Display Is Out

Yahoo group: nrd-525-535
Date: 2007-10-13 23:46:27 UTC
From: W. Curt Deegan
Topic: 1527 Message: 1536

I only have the basic user manual and don't see any way to do a reset manually. The 16 user set-able options can all be set manually but depend heavily on the display to see what you are doing. There is nothing listed that would reset these as a group to factory default settings. These are included amongst others the RS-232 interface can set.

Maybe someone with a maintenance manual will be able to provide more fundamental techniques.

Curt

At 06:23 PM 10/13/2007, you wrote:
>Any chance of doing this directly on the receiver without RS232?
>
>Thanks!
>
>Reinhold
>
>
>----- Original Message -----
>From: "W. Curt Deegan" <WWWR@...>
>To: <nrd-525-535@yahoogroups.com>
>Sent: Sunday, October 14, 2007 12:00 AM
>Subject: [?? Probable Spam] Re: [nrd-525-535] Help!!! My 535d Display Is Out
>
>
> > Bill,
> >
> > I was digging through manuals and happen to have my NRD-535 one handy.
> >
> > The RS-232 reset commands are:
> > Z1<CR> Clear all memory channels
> > Z2<CR> Reset user definitions to factory default settings
> > Z3<CR> Total reset (both Z1 & Z2 commands)
> >
> > Hope I didn't misunderstand your question.
> >
> > Curt
> > -------
> > W. Curt Deegan
> > Boca Raton, (southeast) Florida, USA
> >
> >
> > At 05:13 PM 10/13/2007, you wrote:
> >>Bob,
> >>

> >>Do you remember the commands to reset the radio? Hard reset vs soft
> >>reset?
> >>
> >>73 bill n4lg
> >
> >
> >

1537. Re: [nrd-525-535] Help!!! My 535d Display Is Out

Yahoo group: nrd-525-535
Date: 2007-10-14 02:15:17 UTC
From: Bill Cotter
Topic: 1527 Message: 1537

I'm Sorry, I was asking forthe front panel commands.....

73 bill n4lg

At 06:00 PM 10/13/2007, you wrote:

>Bill,
>
>I was digging through manuals and happen to have my NRD-535 one handy.
>
>The RS-232 reset commands are:
>Z1<CR> Clear all memory channels
>Z2<CR> Reset user definitions to factory default settings
>Z3<CR> Total reset (both Z1 & Z2 commands)
>
>Hope I didn't misunderstand your question.
>
>Curt
>-------
>W. Curt Deegan
>Boca Raton, (southeast) Florida, USA
>
>At 05:13 PM 10/13/2007, you wrote:
> >Bob,
> >
> >Do you remember the commands to reset the radio? Hard reset vs soft
> >reset?
> >
> >73 bill n4lg
>
>

1538. NRD535D: SSB audio distorted and not clear

Yahoo group: nrd-525-535
Date: 2007-10-31 07:02:41 UTC
From: Fernando
Topic: 1538 Message: 1538

Hi,
I have here a little problem with my new buyed NRD535D.
When I hear AM broadcast in SSB with 2khz bandwith, the audio comes not clear and is distorted. It sounds as if the frequency is not centered. LSB have more bass than USB. Strong stations are not the problem, only weak stations. Gives a possibility for calibrate this?

Thanks for your help.

Fernando

1539. Re: [nrd-525-535] NRD535D: SSB audio distorted and not clear

Yahoo group: nrd-525-535
Date: 2007-10-31 09:20:42 UTC
From: Chuck
Topic: 1538 Message: 1539

Fernando,

Are you adjusting the Pass Band Shift (PBS)? If this isn't
done, the signal will not sound good.

Chuck

----- Original Message -----
From: Fernando
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, October 31, 2007 07:02
Subject: [nrd-525-535] NRD535D: SSB audio distorted and not clear

Hi,
I have here a little problem with my new buyed NRD535D.
When I hear AM broadcast in SSB with 2khz bandwith, the audio comes
not clear and is distorted. It sounds as if the frequency is not
centered. LSB have more bass than USB. Strong stations are not the
problem, only weak stations. Gives a possibility for calibrate this?

Thanks for your help.

Fernando

1540. Re: NRD535D: SSB audio distorted and not clear

Yahoo group: nrd-525-535
Date: 2007-10-31 10:56:35 UTC
From: Fernando
Topic: 1538 Message: 1540

Hi Chuck,

No, all knobs are in default position.

Fernando

--- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@...> wrote:
>
> Fernando,
>
> Are you adjusting the Pass Band Shift (PBS)? If this isn't
> done, the signal will not sound good.
>
> Chuck
>
> ----- Original Message -----
> From: Fernando
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, October 31, 2007 07:02
> Subject: [nrd-525-535] NRD535D: SSB audio distorted and not clear
>
>
>
> Hi,
> I have here a little problem with my new buyed NRD535D.
> When I hear AM broadcast in SSB with 2khz bandwith, the audio
comes
> not clear and is distorted. It sounds as if the frequency is not
> centered. LSB have more bass than USB. Strong stations are not
the
> problem, only weak stations. Gives a possibility for calibrate
this?
>
> Thanks for your help.
>
> Fernando
>

1541. Re: [nrd-525-535] Re: NRD535D: SSB audio distorted and not clear

Yahoo group: nrd-525-535
Date: 2007-10-31 13:30:01 UTC
From: Brian Denley
Topic: 1538 Message: 1541

Fernando:

That's how it should be. You should use the ECSS button when listening to
AM.
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Fernando" <fenu@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, October 31, 2007 6:56 AM
Subject: [nrd-525-535] Re: NRD535D: SSB audio distorted and not clear

Hi Chuck,

No, all knobs are in default position.

Fernando

--- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@...> wrote:
>
> Fernando,
>
> Are you adjusting the Pass Band Shift (PBS)? If this isn't
> done, the signal will not sound good.
>
> Chuck
>
> ----- Original Message -----
> From: Fernando
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, October 31, 2007 07:02
> Subject: [nrd-525-535] NRD535D: SSB audio distorted and not clear
>
>
> Hi,
> I have here a little problem with my new buyed NRD535D.
> When I hear AM broadcast in SSB with 2khz bandwith, the audio
comes
> not clear and is distorted. It sounds as if the frequency is not
> centered. LSB have more bass than USB. Strong stations are not
the
> problem, only weak stations. Gives a possibility for calibrate
this?
>
> Thanks for your help.

>
> Fernando
>

1542. Re: [nrd-525-535] Re: NRD535D: SSB audio distorted and not clear

Yahoo group: nrd-525-535
Date: 2007-10-31 14:52:59 UTC
From: Chuck
Topic: 1538 Message: 1542

Fernando,

Try tuning in signal using the PBS.

Chuck

----- Original Message -----
From: Fernando
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, October 31, 2007 10:56
Subject: [nrd-525-535] Re: NRD535D: SSB audio distorted and not clear

Hi Chuck,

No, all knobs are in default position.

Fernando

--- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@...> wrote:
>
> Fernando,
>
> Are you adjusting the Pass Band Shift (PBS)? If this isn't
> done, the signal will not sound good.
>
> Chuck
>
> ----- Original Message -----
> From: Fernando
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, October 31, 2007 07:02
> Subject: [nrd-525-535] NRD535D: SSB audio distorted and not clear
>
>
> Hi,
> I have here a little problem with my new buyed NRD535D.
> When I hear AM broadcast in SSB with 2khz bandwith, the audio
comes
> not clear and is distorted. It sounds as if the frequency is not
> centered. LSB have more bass than USB. Strong stations are not
the
> problem, only weak stations. Gives a possibility for calibrate
this?
>
> Thanks for your help.
>
> Fernando

>

1543. Re: [nrd-525-535] Re: NRD535D: SSB audio distorted and not clear

Yahoo group: nrd-525-535
Date: 2007-11-01 02:13:42 UTC
From: Brian Denley
Topic: 1538 Message: 1543

Fernando:

This is happening because your User Definition #8 is set to the default value of 0. If you set it to 1, you can select either LSB or USB while listening to an AM signal and it will work as you seem to prefer. See page 25, 26 of the user manual to see how to change this - it's easy. let me know if you have any difficulty.

Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Chuck" <ka4prf@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, October 31, 2007 10:52 AM
Subject: Re: [nrd-525-535] Re: NRD535D: SSB audio distorted and not clear

Fernando,

Try tuning in signal using the PBS.

Chuck

----- Original Message -----
From: Fernando
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, October 31, 2007 10:56
Subject: [nrd-525-535] Re: NRD535D: SSB audio distorted and not clear

Hi Chuck,

No, all knobs are in default position.

Fernando

--- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@...> wrote:
>
> Fernando,
>
> Are you adjusting the Pass Band Shift (PBS)? If this isn't
> done, the signal will not sound good.
>
> Chuck
>
> ----- Original Message -----
> From: Fernando
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, October 31, 2007 07:02

> Subject: [nrd-525-535] NRD535D: SSB audio distorted and not clear
>
>
> Hi,
> I have here a little problem with my new buyed NRD535D.
> When I hear AM broadcast in SSB with 2khz bandwith, the audio
comes
> not clear and is distorted. It sounds as if the frequency is not
> centered. LSB have more bass than USB. Strong stations are not
the
> problem, only weak stations. Gives a possibility for calibrate
this?
>
> Thanks for your help.
>
> Fernando
>

1544. Re: NRD535D: SSB audio distorted and not clear

Yahoo group: nrd-525-535
Date: 2007-11-01 09:15:30 UTC
From: Fernando
Topic: 1538 Message: 1544

Hi Brian,

I Know this setting from the User Definition #8.
No, this is not the Problem.
I know the NRD535 very good, as User..

Now I have found one point, that are not so good.
When I turn the PBS knob in LSB Mode,a little bit to the left side,
the Audio comes equal with USB. I think,the PBS are not correct
adjusted inside from the NRD535D.
Gives a adjust point for the PBS?

regards
Fernando

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...>
wrote:
>
> Fernando:
>
> This is happening because your User Definition #8 is set to the
default
> value of 0. If you set it to 1, you can select either LSB or USB
while
> listening to an AM signal and it will work as you seem to prefer.
See page
> 25, 26 of the user manual to see how to change this - it's easy.
let me
> know if you have any difficulty.
>
>
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>
>
> ----- Original Message -----
> From: "Chuck" <ka4prf@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Wednesday, October 31, 2007 10:52 AM
> Subject: Re: [nrd-525-535] Re: NRD535D: SSB audio distorted and
not clear
>
>
> Fernando,
>
> Try tuning in signal using the PBS.

>
> Chuck
>
> ----- Original Message -----
> From: Fernando
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, October 31, 2007 10:56
> Subject: [nrd-525-535] Re: NRD535D: SSB audio distorted and not
clear
>
>
> Hi Chuck,
>
> No, all knobs are in default position.
>
> Fernando
>
> --- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@> wrote:
> >
> > Fernando,
> >
> > Are you adjusting the Pass Band Shift (PBS)? If this isn't
> > done, the signal will not sound good.
> >
> > Chuck
> >
> > ----- Original Message -----
> > From: Fernando
> > To: nrd-525-535@yahoogroups.com
> > Sent: Wednesday, October 31, 2007 07:02
> > Subject: [nrd-525-535] NRD535D: SSB audio distorted and not
clear
> >
> >
> > Hi,
> > I have here a little problem with my new buyed NRD535D.
> > When I hear AM broadcast in SSB with 2khz bandwith, the audio
> comes
> > not clear and is distorted. It sounds as if the frequency is
not
> > centered. LSB have more bass than USB. Strong stations are not
> the
> > problem, only weak stations. Gives a possibility for calibrate
> this?
> >
> > Thanks for your help.
> >
> > Fernando
> >
>

1545. Re: [nrd-525-535] Re: NRD535D: SSB audio distorted and not clear

Yahoo group: nrd-525-535
Date: 2007-11-01 15:38:22 UTC
From: Chuck
Topic: 1538 Message: 1545

Fernando,

Here's the alignment procedure for the CMF-78 ECSS Unit:

VCO adjustment 1. Set the receiving frequency to 7.1 MHz and the mode to AM
2. Connect the signal generator to the antenna and set for a frequency of 7.1 MHz
and output level to 40 dBu
3. Connect the digital voltmeter to TP4 of CMF-78
4. Set the ECSS to ON and adjust RV1 for a voltage of 4.5 V on TP4 (4.3-4.7 Vdc)

Chances are someone was trying to do that before? You mentioned you had purchased it
second Hand right?

BTW the above adjustment came from the Service Manual page 26.

Chuck Bolland
ka4prf@...

----- Original Message -----
From: Fernando
To: nrd-525-535@yahoogroups.com
Sent: Thursday, November 01, 2007 09:15
Subject: [nrd-525-535] Re: NRD535D: SSB audio distorted and not clear

Hi Brian,

I Know this setting from the User Definition #8.
No, this is not the Problem.
I know the NRD535 very good, as User..

Now I have found one point, that are not so good.
When I turn the PBS knob in LSB Mode,a little bit to the left side,
the Audio comes equal with USB. I think,the PBS are not correct
adjusted inside from the NRD535D.
Gives a adjust point for the PBS?

regards
Fernando

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...>
wrote:
>
> Fernando:
>
> This is happening because your User Definition #8 is set to the
default
> value of 0. If you set it to 1, you can select either LSB or USB
while

> listening to an AM signal and it will work as you seem to prefer.
See page
> 25, 26 of the user manual to see how to change this - it's easy.
let me
> know if you have any difficulty.
>
>
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>
>
> ----- Original Message -----
> From: "Chuck" <ka4prf@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Wednesday, October 31, 2007 10:52 AM
> Subject: Re: [nrd-525-535] Re: NRD535D: SSB audio distorted and
not clear
>
>
> Fernando,
>
> Try tuning in signal using the PBS.
>
> Chuck
>
> ----- Original Message -----
> From: Fernando
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, October 31, 2007 10:56
> Subject: [nrd-525-535] Re: NRD535D: SSB audio distorted and not
clear
>
>
> Hi Chuck,
>
> No, all knobs are in default position.
>
> Fernando
>
> --- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@> wrote:
> >
> > Fernando,
> >
> > Are you adjusting the Pass Band Shift (PBS)? If this isn't
> > done, the signal will not sound good.
> >
> > Chuck
> >
> > ----- Original Message -----
> > From: Fernando

> > To: nrd-525-535@yahoogroups.com
> > Sent: Wednesday, October 31, 2007 07:02
> > Subject: [nrd-525-535] NRD535D: SSB audio distorted and not
clear
> >
> >
> > Hi,
> > I have here a little problem with my new buyed NRD535D.
> > When I hear AM broadcast in SSB with 2khz bandwith, the audio
> comes
> > not clear and is distorted. It sounds as if the frequency is
not
> > centered. LSB have more bass than USB. Strong stations are not
> the
> > problem, only weak stations. Gives a possibility for calibrate
> this?
> >
> > Thanks for your help.
> >
> > Fernando
> >
>

1546. Problem power JRC NRD-525

Yahoo group: nrd-525-535
Date: 2007-11-02 00:22:20 UTC
From: Marc Vissers
Topic: 1546 Message: 1546

Hi there,

I came home tonight from our local DX-meeting and to my big surprise my old NRD-525 refused to work when I switched it on : no lights, no sounds. If I however switch to 'Sleep' it does work ? It's too late to open it now (I am the one that needs to sleep) but I guess this may have something to do with the power switch itself ... I hope ? Anyone having experienced this phenomenon before ? Thanks very much in advance for all the tips and advice I hope to get here.

73 and good DX,
DXA30 Marc

==========
Location : Borsbeek, Belgium (N51?11'/E04?29')
Receiver : JRC NRD-525 (ESKA-modified)
Antennas : 15m lw + MLB, 13m inv-L + Yaesu FRT-7700,
home built MW-loop
==========

1547. Re: [nrd-525-535] Re: NRD535D: SSB audio distorted and not clear

Yahoo group: nrd-525-535
Date: 2007-11-01 23:48:50 UTC
From: Brian Denley
Topic: 1538 Message: 1547

Chuck:
Fernando might also first check his reference oscillator to make sure he's
on frequency. That is described in the user manual on page 28.
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Chuck" <ka4prf@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Thursday, November 01, 2007 11:38 AM
Subject: Re: [nrd-525-535] Re: NRD535D: SSB audio distorted and not clear

Fernando,

Here's the alignment procedure for the CMF-78 ECSS Unit:

VCO adjustment 1. Set the receiving frequency to 7.1 MHz and the mode to
AM
2. Connect the signal generator to the antenna
and set for a frequency of 7.1 MHz
and output level to 40 dBu
3. Connect the digital voltmeter to TP4 of
CMF-78
4. Set the ECSS to ON and adjust RV1 for a
voltage of 4.5 V on TP4 (4.3-4.7 Vdc)

Chances are someone was trying to do that before? You mentioned you had
purchased it
second Hand right?

BTW the above adjustment came from the Service Manual page 26.

Chuck Bolland
ka4prf@...

----- Original Message -----
From: Fernando
To: nrd-525-535@yahoogroups.com
Sent: Thursday, November 01, 2007 09:15
Subject: [nrd-525-535] Re: NRD535D: SSB audio distorted and not clear

Hi Brian,

I Know this setting from the User Definition #8.
No, this is not the Problem.
I know the NRD535 very good, as User..

Now I have found one point, that are not so good.
When I turn the PBS knob in LSB Mode,a little bit to the left side,
the Audio comes equal with USB. I think,the PBS are not correct
adjusted inside from the NRD535D.
Gives a adjust point for the PBS?

regards
Fernando

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...>
wrote:
>
> Fernando:
>
> This is happening because your User Definition #8 is set to the
default
> value of 0. If you set it to 1, you can select either LSB or USB
while
> listening to an AM signal and it will work as you seem to prefer.
See page
> 25, 26 of the user manual to see how to change this - it's easy.
let me
> know if you have any difficulty.
>
>
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>
>
> ----- Original Message -----
> From: "Chuck" <ka4prf@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Wednesday, October 31, 2007 10:52 AM
> Subject: Re: [nrd-525-535] Re: NRD535D: SSB audio distorted and
not clear
>
>
> Fernando,
>
> Try tuning in signal using the PBS.
>
> Chuck
>
> ----- Original Message -----
> From: Fernando
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, October 31, 2007 10:56
> Subject: [nrd-525-535] Re: NRD535D: SSB audio distorted and not
clear
>
>
> Hi Chuck,

>
> No, all knobs are in default position.
>
> Fernando
>
> --- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@> wrote:
> >
> > Fernando,
> >
> > Are you adjusting the Pass Band Shift (PBS)? If this isn't
> > done, the signal will not sound good.
> >
> > Chuck
> >
> > ----- Original Message -----
> > From: Fernando
> > To: nrd-525-535@yahoogroups.com
> > Sent: Wednesday, October 31, 2007 07:02
> > Subject: [nrd-525-535] NRD535D: SSB audio distorted and not
clear
> >
> >
> > Hi,
> > I have here a little problem with my new buyed NRD535D.
> > When I hear AM broadcast in SSB with 2khz bandwith, the audio
> comes
> > not clear and is distorted. It sounds as if the frequency is
not
> > centered. LSB have more bass than USB. Strong stations are not
> the
> > problem, only weak stations. Gives a possibility for calibrate
> this?
> >
> > Thanks for your help.
> >
> > Fernando
> >
>

1548. Re: NRD535D: SSB audio distorted and not clear

Yahoo group: nrd-525-535
Date: 2007-11-02 07:25:53 UTC
From: Fernando
Topic: 1538 Message: 1548

Hi there,
I have found the error!!

I have remove all boards from the NRD535D and have reinstall it
Immediately.

And now the problem with the Audio Distortion is disappears!!
I think, the contacts from the connection to the Motherboard were
slightly oxidized !!!!
Now works very fine.
Only the ECSS Board are not so good. After one hour warmup the
Frequency drift a little bit.

I have calibrated his to 4,5 V with RV1.
More I cannot make. I am no a Technician.
Gives an another way for the frequency drift problem from the ECSS
Board??

regards
Fernando

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...>
wrote:
>
> Chuck:
> Fernando might also first check his reference oscillator to make
sure he's
> on frequency. That is described in the user manual on page 28.
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>
>
> ----- Original Message -----
> From: "Chuck" <ka4prf@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Thursday, November 01, 2007 11:38 AM
> Subject: Re: [nrd-525-535] Re: NRD535D: SSB audio distorted and
not clear
>
>
> Fernando,
>
> Here's the alignment procedure for the CMF-78 ECSS Unit:
>
> VCO adjustment 1. Set the receiving frequency to 7.1 MHz and
the mode to

> AM
> 2. Connect the signal generator to
the antenna
> and set for a frequency of 7.1 MHz
> and output level to 40 dBu
> 3. Connect the digital voltmeter to
TP4 of
> CMF-78
> 4. Set the ECSS to ON and adjust RV1
for a
> voltage of 4.5 V on TP4 (4.3-4.7 Vdc)
>
> Chances are someone was trying to do that before? You mentioned
you had
> purchased it
> second Hand right?
>
> BTW the above adjustment came from the Service Manual page 26.
>
> Chuck Bolland
> ka4prf@...
>
>
>
> ----- Original Message -----
> From: Fernando
> To: nrd-525-535@yahoogroups.com
> Sent: Thursday, November 01, 2007 09:15
> Subject: [nrd-525-535] Re: NRD535D: SSB audio distorted and not
clear
>
>
> Hi Brian,
>
> I Know this setting from the User Definition #8.
> No, this is not the Problem.
> I know the NRD535 very good, as User..
>
> Now I have found one point, that are not so good.
> When I turn the PBS knob in LSB Mode,a little bit to the left
side,
> the Audio comes equal with USB. I think,the PBS are not correct
> adjusted inside from the NRD535D.
> Gives a adjust point for the PBS?
>
> regards
> Fernando
>
> --- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@>
> wrote:

> >
> > Fernando:
> >
> > This is happening because your User Definition #8 is set to the
> default
> > value of 0. If you set it to 1, you can select either LSB or
USB
> while
> > listening to an AM signal and it will work as you seem to
prefer.
> See page
> > 25, 26 of the user manual to see how to change this - it's
easy.
> let me
> > know if you have any difficulty.
> >
> >
> > Brian Denley
> > http://home.comcast.net/~b.denley/index.html
> >
> >
> > ----- Original Message -----
> > From: "Chuck" <ka4prf@>
> > To: <nrd-525-535@yahoogroups.com>
> > Sent: Wednesday, October 31, 2007 10:52 AM
> > Subject: Re: [nrd-525-535] Re: NRD535D: SSB audio distorted and
> not clear
> >
> >
> > Fernando,
> >
> > Try tuning in signal using the PBS.
> >
> > Chuck
> >
> > ----- Original Message -----
> > From: Fernando
> > To: nrd-525-535@...m
> > Sent: Wednesday, October 31, 2007 10:56
> > Subject: [nrd-525-535] Re: NRD535D: SSB audio distorted and not
> clear
> >
> >
> > Hi Chuck,
> >
> > No, all knobs are in default position.
> >
> > Fernando
> >
> > --- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@> wrote:

> > >
> > > Fernando,
> > >
> > > Are you adjusting the Pass Band Shift (PBS)? If this isn't
> > > done, the signal will not sound good.
> > >
> > > Chuck
> > >
> > > ----- Original Message -----
> > > From: Fernando
> > > To: nrd-525-535@yahoogroups.com
> > > Sent: Wednesday, October 31, 2007 07:02
> > > Subject: [nrd-525-535] NRD535D: SSB audio distorted and not
> clear
> > >
> > >
> > > Hi,
> > > I have here a little problem with my new buyed NRD535D.
> > > When I hear AM broadcast in SSB with 2khz bandwith, the audio
> > comes
> > > not clear and is distorted. It sounds as if the frequency is
> not
> > > centered. LSB have more bass than USB. Strong stations are
not
> > the
> > > problem, only weak stations. Gives a possibility for
calibrate
> > this?
> > >
> > > Thanks for your help.
> > >
> > > Fernando
> > >
> >
>

1549. Re: NRD-535 modifications; display noise, better audio, MW-sensitivity

Yahoo group: nrd-525-535
Date: 2007-11-11 09:26:19 UTC
From: John Dokulil
Topic: 1525 Message: 1549

--- In nrd-525-535@yahoogroups.com, "notareallyreal"
<not_a_real@...> wrote:
>
> Has anyone schematics or instructions for those modifications ?
> It would be very nice to have them in the files section !
> BR
>

I started doing my own Mods on my 535Db several years ago, but found that Kiwa Electronics did what I wanted, and had better quality parts, so I let them do almost all the Mods they do on the 535D (audio upgrade was Fantastic). They were all fantastic and could not live without them. To me it doubled the listening quality of the Receiver.

As for the display noise... Hard to explain, it's not really the display, but the way the power supply runs it. The Only way to get rid of the display noise is to replace the power supply with different kind (I checked into this and it's not really worth doing). I placed several dozen chokes in the voltage circuitry running the display, and it cut the noise down a tad, but not enough to make it worth ones trouble. Just make sure that all your antenna lead-ins are behind the receiver and shielded, attach the receiver and antenna shielding to a good ground and just live with it.

As for MW-Sensitivity... The Receiver's sensitivity is about as good as it gets in a receiver under $3000.00. If you mess with it (as I did) all you really do is raise the noise floor along with the signal, so you gain NOTHING. The best thing to do is use a good outdoor balun feed antenna, with a length of at least 100 feet.

Any questions... email me
wdx6gmx

1550. Re: NRD-535 modifications; display noise, better audio, MW-sensitivity

Yahoo group: nrd-525-535
Date: 2007-11-11 09:50:05 UTC
From: onl11168
Topic: 1525 Message: 1550

I found this site from a French Amateur how's in to moddings for NRD 525. Perhaps for those how diddent find it yet, of some use.
http://perso.orange.fr/geip/NRD525En.htm

enjoy.

--- In nrd-525-535@yahoogroups.com, "John Dokulil" <jdokulil@...> wrote:
>
> --- In nrd-525-535@yahoogroups.com, "notareallyreal" <not_a_real@> wrote:
> >
> > Has anyone schematics or instructions for those modifications ?
> > It would be very nice to have them in the files section !
> > BR
> >
> ------------
>
> I started doing my own Mods on my 535Db several years ago, but found
> that Kiwa Electronics did what I wanted, and had better quality
> parts, so I let them do almost all the Mods they do on the 535D
> (audio upgrade was Fantastic). They were all fantastic and could
> not live without them. To me it doubled the listening quality of the
> Receiver.
>
> As for the display noise... Hard to explain, it's not really the
> display, but the way the power supply runs it. The Only way to get
> rid of the display noise is to replace the power supply with
> different kind (I checked into this and it's not really worth
> doing). I placed several dozen chokes in the voltage circuitry
> running the display, and it cut the noise down a tad, but not enough
> to make it worth ones trouble. Just make sure that all your antenna
> lead-ins are behind the receiver and shielded, attach the receiver
> and antenna shielding to a good ground and just live with it.
>
> As for MW-Sensitivity... The Receiver's sensitivity is about as
> good as it gets in a receiver under $3000.00. If you mess with it
> (as I did) all you really do is raise the noise floor along with the
> signal, so you gain NOTHING. The best thing to do is use a good

> outdoor balun feed antenna, with a length of at least 100 feet.
>
> Any questions... email me
> wdx6gmx
>
> ----------
>

1551. Re: [nrd-525-535] Re: NRD-535 modifications; display noise, better audio, MW-sensitivity

Yahoo group: nrd-525-535
Date: 2007-11-11 11:21:48 UTC
From: John Dokulil
Topic: 1525 Message: 1551

Thank You, but I already know of of it.

I found that the 535 in most parts is different enough

from the 525 that most of the mods and tweaks that

work on the 525 only get you into trouble and usually

cause problems on the 535.

Anyway... thanks

wdx6gmx

----- Original Message -----
From: onl11168
To: nrd-525-535@yahoogroups.com
Sent: Sunday, November 11, 2007 1:50 AM
Subject: [nrd-525-535] Re: NRD-535 modifications; display noise, better audio, MW-sensitivity

I found this site from a French Amateur how's in to moddings for NRD 525. Perhaps for those how diddent find it yet, of some use.
http://perso.orange.fr/geip/NRD525En.htm

enjoy.

--- In nrd-525-535@yahoogroups.com, "John Dokulil" <jdokulil@...> wrote:
>
> --- In nrd-525-535@yahoogroups.com, "notareallyreal" <not_a_real@> wrote:
> >
> > Has anyone schematics or instructions for those modifications ?
> > It would be very nice to have them in the files section !
> > BR
> >
> ------------
>
> I started doing my own Mods on my 535Db several years ago, but found
> that Kiwa Electronics did what I wanted, and had better quality
> parts, so I let them do almost all the Mods they do on the 535D
> (audio upgrade was Fantastic). They were all fantastic and could
> not live without them. To me it doubled the listening quality of

the
> Receiver.
>
> As for the display noise... Hard to explain, it's not really the
> display, but the way the power supply runs it. The Only way to
get
> rid of the display noise is to replace the power supply with
> different kind (I checked into this and it's not really worth
> doing). I placed several dozen chokes in the voltage circuitry
> running the display, and it cut the noise down a tad, but not
enough
> to make it worth ones trouble. Just make sure that all your
antenna
> lead-ins are behind the receiver and shielded, attach the receiver
> and antenna shielding to a good ground and just live with it.
>
> As for MW-Sensitivity... The Receiver's sensitivity is about as
> good as it gets in a receiver under $3000.00. If you mess with it
> (as I did) all you really do is raise the noise floor along with
the
> signal, so you gain NOTHING. The best thing to do is use a good
> outdoor balun feed antenna, with a length of at least 100 feet.
>
> Any questions... email me
> wdx6gmx
>
> ----------
>

1552. Re: [nrd-525-535] Re: NRD-535 modifications; display noise, better audio, MW-sensitivity

Yahoo group: nrd-525-535
Date: 2007-11-11 14:13:58 UTC
From: Chuck
Topic: 1525 Message: 1552

John ,

which receiver over 3000 dollars overcomes the problems you mentioned?

Chuck

1553. WTB : JRC NRD 535

Yahoo group: nrd-525-535
Date: 2007-11-11 20:47:30 UTC
From: kg4big
Topic: 1553 Message: 1553

Hello Group,

Anyone want to sell your 535 ?

Tell me what you have. Regular 535. 535D early model, 535D later model
that has the better wide filter / Bandwidth control works on narrow &
wide filters.....

Your price shipped to me Georgetown, KY. 40324

Picture would be nice.

Vy 73, Kenny KG4BIG

1554. Re: [nrd-525-535] Re: NRD-535 modifications; display noise, better audio, MW-sensitivity

Yahoo group: nrd-525-535
Date: 2007-11-12 12:06:01 UTC
From: John Dokulil
Topic: 1525 Message: 1554

Chuck:

I should expand a bit on my statement. It's not really the numerical sensitivity I'm referring to, but what the real working sensitivity value is above the noise floor of the receiver. Due to the kind of power supply used in the NRD-535D (and possibly others receivers from JRC) the unit's "Display" noise floor is higher than the receiver's circuitry noise floor. This extra noise factor is noticeable, but it's far better than many other receivers. I can not remember the specifications of the below listed receivers, but their noise floor was definitely quieter than the out of the box stock NRD-535D. Therefore you can hear and understand more.

Now don't get me wrong here, the NRD-535D is a good sensitive receiver and I wouldn't own it if it wasn't. But the noise floor could be better, and that is where the DX really is. I have a modified 535Db and I would ONLY trade it in for a handful of receivers, but I can't afford $3000.00 plus. The GOOD Receivers are government models made by several manufactures (including JRC) and they all run above $15,000.00 (that's if you can get one).

I have used (but not owned) the following receivers, and to my ears the DX was better. Not necessarily do to their sensitivity, but because their noise floor was quieter than the out of the box NRD-535D.

Racal RA6790-GM
Ten-Tec RX-340
Watkins Johnson HF1000
AOR AR-Alpha
Icom R9500

Good DX...
WDX6GMX

----- Original Message -----
From: Chuck
To: nrd-525-535@yahoogroups.com
Sent: Sunday, November 11, 2007 6:13 AM
Subject: Re: [nrd-525-535] Re: NRD-535 modifications; display noise, better audio, MW-sensitivity

John ,

which receiver over 3000 dollars overcomes the problems you mentioned?

Chuck

1555. Re: [nrd-525-535] WTB : JRC NRD 535

Yahoo group: nrd-525-535
Date: 2007-11-13 02:17:37 UTC
From: david hanses
Topic: 1553 Message: 1555

i have a 535d in very good condition however the display is out and i dont know how to repair. asking 450.00 for the radio which is a good deal. early model by the way. ships from chicago..dave

----- Original Message ----
From: kg4big <kg4big@...>
To: nrd-525-535@yahoogroups.com
Sent: Sunday, November 11, 2007 2:47:30 PM
Subject: [nrd-525-535] WTB : JRC NRD 535

Hello Group,

Anyone want to sell your 535 ?

Tell me what you have. Regular 535. 535D early model, 535D later model
that has the better wide filter / Bandwidth control works on narrow &
wide filters.....

Your price shipped to me Georgetown, KY. 40324

Picture would be nice.

Vy 73, Kenny KG4BIG

Yahoo! Groups Links

Be a better pen pal.
Text or chat with friends inside Yahoo! Mail. See how. http://overview.mail.yahoo.com/

1556. Re: [nrd-525-535] WTB : JRC NRD 535

Yahoo group: nrd-525-535
Date: 2007-11-13 23:49:34 UTC
From: Kenneth Wilson
Topic: 1553 Message: 1556

Hi Dave,

I think I have found one.

I think Universal radio is the only place to repair
the 535D. If they have displays.... my guess they
would charge around $250.00 to fix it.

--- david hanses <northwoods00@...> wrote:

> i have a 535d in very good condition however the
> display is out and i dont know how to repair. asking
> 450.00 for the radio which is a good deal. early
> model by the way. ships from chicago..dave
>
>
> ----- Original Message ----
> From: kg4big <kg4big@...>
> To: nrd-525-535@yahoogroups.com
> Sent: Sunday, November 11, 2007 2:47:30 PM
> Subject: [nrd-525-535] WTB : JRC NRD 535
>
> Hello Group,
>
> Anyone want to sell your 535 ?
>
> Tell me what you have. Regular 535. 535D early
> model, 535D later model
> that has the better wide filter / Bandwidth control
> works on narrow &
> wide filters.....
>
> Your price shipped to me Georgetown, KY. 40324
>
> Picture would be nice.
>
> Vy 73, Kenny KG4BIG
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> Yahoo! Groups Links
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> Be a better pen pal.
> Text or chat with friends inside Yahoo! Mail. See
> how. http://overview.mail.yahoo.com/

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Text or chat with friends inside Yahoo! Mail. See how. http://overview.mail.yahoo.com/

1557. Re: WTB : JRC NRD 535

Yahoo group: nrd-525-535
Date: 2007-11-14 04:26:04 UTC
From: David
Topic: 1553 Message: 1557

I have a VCR that had the display not working. I found a burnt open circuit trace on the power supply circuit board that fed the filament of the display. Repairing the circuit trace, restored the display.
Dave

--- In nrd-525-535@yahoogroups.com, david hanses <northwoods00@...> wrote:
>
> i have a 535d in very good condition however the display is out and i dont know how to repair. asking 450.00 for the radio which is a good deal. early model by the way. ships from chicago..dave
>
>
> ----- Original Message ----
> From: kg4big <kg4big@...>
> To: nrd-525-535@yahoogroups.com
> Sent: Sunday, November 11, 2007 2:47:30 PM
> Subject: [nrd-525-535] WTB : JRC NRD 535
>
> Hello Group,
>
> Anyone want to sell your 535 ?
>
> Tell me what you have. Regular 535. 535D early model, 535D later model
> that has the better wide filter / Bandwidth control works on narrow &
> wide filters.....
>
> Your price shipped to me Georgetown, KY. 40324
>
> Picture would be nice.
>
> Vy 73, Kenny KG4BIG
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> Yahoo! Groups Links
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> Be a better pen pal.
> Text or chat with friends inside Yahoo! Mail. See how.
http://overview.mail.yahoo.com/
>

1558. New to the group

Yahoo group: nrd-525-535
Date: 2007-12-10 02:03:13 UTC
From: Mike Rohde
Topic: 939 Message: 1558

Hello all,
I just joined this group. I just bought a NRD-535D and am anxious to hear and learn more about this radio and everyone's experiences with it. My primary purpose is for SWL and DXing. This is a hobby that I have been in and out of for the last 40 yrs. So, glad to be a member of the group and I hope to be able to contribute to the community.

73, Mike

1559. Re: [nrd-525-535] New to the group

Yahoo group: nrd-525-535
Date: 2007-12-10 02:11:40 UTC
From: Patrick Garner
Topic: 939 Message: 1559

Welcome on board. The group lies quiet for the most part, but revs up
in spurts when there's a good question or someone needs troubleshooting.
Pat
On Dec 9, 2007, at 9:03 PM, Mike Rohde wrote:

>
> Hello all,
> I just joined this group. I just bought a NRD-535D and am anxious to
> hear and learn more about this radio and everyone's experiences with
> it. My primary purpose is for SWL and DXing. This is a hobby that I
> have been in and out of for the last 40 yrs. So, glad to be a member
> of the group and I hope to be able to contribute to the community.
>
>
> 73, Mike
>
>

Patrick Garner
109 Whitney St
Northboro, MA 01532

1560. Re: [nrd-525-535] New to the group

Yahoo group: nrd-525-535
Date: 2007-12-10 03:34:31 UTC
From: Brian Denley
Topic: 939 Message: 1560

Welcome to the group! It's a great radio.
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Mike Rohde" <merohde@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, December 09, 2007 9:03 PM
Subject: [nrd-525-535] New to the group

Hello all,
I just joined this group. I just bought a NRD-535D and am anxious to hear and learn more about this radio and everyone's experiences with it. My primary purpose is for SWL and DXing. This is a hobby that I have been in and out of for the last 40 yrs. So, glad to be a member of the group and I hope to be able to contribute to the community.

73, Mike

1561. Kiwa Mods on a NRD-535 ot 535D

Yahoo group: nrd-525-535
Date: 2007-12-10 17:13:23 UTC
From: mikerohde61
Topic: 1561 Message: 1561

I'd be interested in any comments from anyone that did any Kiwa mods to these radios. Did it make it a better radio or did it cause problems etc...

Thanks,
Mike

1562. Re: Kiwa Mods on a NRD-535 ot 535D

Yahoo group: nrd-525-535
Date: 2007-12-10 17:29:44 UTC
From: Fernando
Topic: 1561 Message: 1562

Hi Mike,

I have make the Kiwa Mod. on my NRd535D.
Look and list here:
http://www.fenu-radio.ch/index10#JRC NRD535D & Kiwa Modifikation

73
Fenu

--- In nrd-525-535@yahoogroups.com, "mikerohde61" <merohde@...> wrote:
>
> I'd be interested in any comments from anyone that did any Kiwa mods
> to these radios. Did it make it a better radio or did it cause
> problems etc...
>
> Thanks,
> Mike
>

1563. Re: [nrd-525-535] Kiwa Mods on a NRD-535 ot 535D

Yahoo group: nrd-525-535
Date: 2007-12-10 17:31:53 UTC
From: Patrick Garner
Topic: 1561 Message: 1563

I made all the Kiwa mods on my 525 & it made a huge difference. Highly recommended.
Pat
On Dec 10, 2007, at 12:13 PM, mikerohde61 wrote:

> I'd be interested in any comments from anyone that did any Kiwa mods
> to these radios. Did it make it a better radio or did it cause
> problems etc...
>
> Thanks,
> Mike
>
>
>

Patrick Garner
109 Whitney St
Northboro, MA 01532

1564. PDF manual for a 535 or 535D

Yahoo group: nrd-525-535
Date: 2007-12-10 23:42:06 UTC
From: Mike Rohde
Topic: 1564 Message: 1564

My radio will not be here for at least a week and was wondering if anyone might have the manual in PDF format. My radio is a 535D but lacking anything else I could make use of a 535 manual. The radio is coming with a manual but I'm hungry for knowledge on this.

73,
Mike

1565. Re: [nrd-525-535] Kiwa Mods on a NRD-535

Yahoo group: nrd-525-535
Date: 2007-12-11 00:11:26 UTC
From: John Dokulil
Topic: 1565 Message: 1565

Mike:

I started doing my own Mods on my 535Db many years ago, but found that Kiwa Electronics did what I wanted, and could acquire quality parts easer than I, so I let them do several Mods and Upgrades on my 535Db (the Audio Upgrade listed below was Fantastic). They were all worth doing and could not live without them. To me it doubled the listening quality of the Receiver.

Upgrades and Modifications I personally did to my 535Db:
- I installed the High Stability Crystal Oscillator. For me, this was not really needed because as far as I'm concerned the stock crystal was fine. If I was into RTTY or any other digital formats of DXing then yes it would definitely be worth the effort and money.

- I Upgraded the Bandwidth Filters. They are now 1.0, 2.0, 4.0, and 5.5. (in that order).

- I found that the CR2032-1HS cell usually only lasted about 2 years, and replacements were not easy to find. So I replaced the soldered in CR2032-1HS cell with an exchangeable Lithium CR123A Battery. All I did was to replace the soldered in CR2032-1HS cell with a CR123A battery holder. Now when it needs replacing, all I now need to do is pop the old cell out, and pop a new one in (rather than doing a solder job). The mod was made over 6 years ago and so far the CR123A is still going strong.
Note: Some holders are larger than others, so choose a small one due to the small space provided on the board.

- In an attempt to lower the noise made by the 535's power supply and display, I installed quite a few computer barrel choke filters. The difference was only barely noticeable. So considering all it took to do the mod... it's really not worth the time and effort.

Kiwa Upgrades and Modifications made to my 535Db:
- AGC Modification:
The AGC modification did speed up the attack and decay of the AGC when listening in AM mode. I found this mod to be functionally OK, but I could have lived without it. But because the receiver was already at Kiwa for other upgrades and the price was so low ($5.00), It definitely then was worth doing.

- Audio Upgrade
This modification is for those who wish to have a much better audio quality in the 535. Kiwa replaced all the capacitors in the audio path on the ECSS board, the IF Board, and the Audio Power Amplifier circuitry (and possibly in other places too). About 40 capacitors were replaced with types which greatly improve the audio clarity and intelligibility. The end result was MAGNIFICENT. I can not begin to tell you what a difference this made, like night and day. This upgrade is a MUST. The price I paid was $80.00.

- Audio Tone Tilt
To me the tone control on the 535Db is almost useless (especially for DXing). So I had Kiwa replace it with their Tone Tilt Audio Control. It definitely works much better than the stock controller, and for me it's a must. The price I paid was $60.00. The following is

from Kiwa:
"The concept is rather simple. Imagine a flat frequency response when the tone control is at the center position. When the control is adjusted to the right or clock-wise position the high frequencies are boosted and the low frequencies are reduced. Likewise when the control is adjusted to the opposite position, the reverse is created - or the high frequencies are attenuated and the low frequencies are boosted. The tonal variation is over 20 dB compared to the stock tone control that has 6 dB variation."

Hope that helps...

John Dokulil
WDX6GMZ

----- Original Message -----
From: mikerohde61
To: nrd-525-535@yahoogroups.com
Sent: Monday, December 10, 2007 9:13 AM
Subject: [nrd-525-535] Kiwa Mods on a NRD-535 ot 535D

I'd be interested in any comments from anyone that did any Kiwa mods
to these radios. Did it make it a better radio or did it cause
problems etc...

Thanks,
Mike

1566. Sorry another Question "softrock" and NRD-535

Yahoo group: nrd-525-535
Date: 2007-12-12 00:04:07 UTC
From: Mike Rohde
Topic: 1566 Message: 1566

Back in the Jan. postings I saw several referances to "Softrock" and the 535 and something to do with the IF stage. Could someone enlighten me please.

Thanks,
Mike

1567. Re: Sorry another Question "softrock" and NRD-535

Yahoo group: nrd-525-535
Date: 2007-12-12 19:09:19 UTC
From: rhblumeng
Topic: 1566 Message: 1567

--- In nrd-525-535@yahoogroups.com, "Mike Rohde" <merohde@...> wrote:
>
> Back in the Jan. postings I saw several referances to "Softrock" and
> the 535 and something to do with the IF stage. Could someone enlighten
> me please.

The softrock is a very economical SDR (software defined radio) kit
that can display a portion of the received spectrum on your computer
monitor, and with a good quality soundcard and software, allow you to
apply digital signal processing to the desired signals.

A "softrock light" can be purchased with a crystal that centers its'
received frequency at 455 kHz, the second if of the 535.

With such a setup, the 535 acts as an RF "front end" for the softrock.
Since the if of the 535 is not brought out to a plug, the 535 would
need to be modified to include a buffered tap brought out to a
suitable plug.

See the softrock40 Yahoo group for more info on the softrock.

Perhaps someone who has tried this can comment. My build skills are
not good enough to build such a kit...

Hope that helps, Bob

1568. Re: Sorry another Question "softrock" and NRD-535

Yahoo group: nrd-525-535
Date: 2007-12-12 19:12:06 UTC
From: rhblumeng
Topic: 1566 Message: 1568

--- In nrd-525-535@yahoogroups.com, "Mike Rohde" <merohde@...> wrote:
>
> Back in the Jan. postings I saw several referances to "Softrock" and
> the 535 and something to do with the IF stage. Could someone enlighten
> me please.

I forgot to mention that if you should send your 535d to Kiwa for mods
(highly recommended), Craig can do the if out addition while it's there.

Bob

1569. NRD-535D or NRD-545?

Yahoo group: nrd-525-535
Date: 2007-12-15 15:46:40 UTC
From: tljb7
Topic: 1569 Message: 1569

Hi,
I'm new here so please excuse the fact that this will probably be a bit long winded. I'm in the process of buying a receiver to replace my ICOM R75 that was destroyed by lightning a couple years ago. Far more than the receiver was damaged, and for an extended period I swore I'd never buy another and would stick to safer hobbies such as racing my motorcycle in the street. But the urge to buy another receiver has stayed and I'm going to do it.

I come here with one question. Should I buy an NRD-535D or an NRD-545? Originally I was going to buy the 545, but recently I have read some messages on the 545 group that have made me wonder. I live in Pheonix and experienced a lot of noise with both my original NRD-525 and my later ICOM R75. Lately I have read that the noise blanker works much better on the 535D than on the 545. Herer are some quotes from the 545 group:

The 535's noise blanker was magical, and would take almost all of the line noise away. I don't find the 545's NB to be nearly as good.

While I had both the 535 and 545 side-by-side, I had to conclude that the 535 could bring some stations out of the mush that the 545 couldn't, partly because of the excellent noise blanker in the 535 and the seeming harshness that the 545 sometimes has on very weak signals.

Compared to my other radios the 545 noise blanker is anemic.

I also read something that made me think that the two were pretty much equal: If I had to choose only one receiver that I could keep forever, it would be either the NRD-535 or 545. Those radios have all the right stuff.

What do you guys think? It the 535D actually equal to or better than the 545? Has anyone here tried both and decided to stick with the 535? I mostly listen to whats left of the international broadcasts, and now and then to whatever else comes up. Right now there is a 535D on ebay that looks like it is going to go for at least $900 and and 545 that is $1250 buy it now. Both seem to be from reputable sellers and I'm trying to decide which to buy. Any comments or suggetions would be very helpfull, particularly if they were today before one or the other sells.
Thanks for your time,
Lee

1570. Re: NRD-535D or NRD-545?

Yahoo group: nrd-525-535
Date: 2007-12-15 19:31:56 UTC
From: Mike Rohde
Topic: 1569 Message: 1570

Hi Lee,
I just bought a 535D in Ebay a week ago for $805. I to wondered about the 545. consdiering the cost differential I believe that the 535D is the way to go. As you said they are both very good radios. My local radio shop (Universal Radio) thought the 535d was also the way to go for BCB Swl.

Just my opion I really don't have much to go on that you have. It sounds like we went through the same process I'm just couple weeks ahead you at this point.

I have gotten the radio and am very happy with it.

Mike

--- In nrd-525-535@yahoogroups.com, "tljb7" <tljb1@...> wrote:
>
> Hi,
> I'm new here so please excuse the fact that this will probably be a
> bit long winded. I'm in the process of buying a receiver to
replace
> my ICOM R75 that was destroyed by lightning a couple years ago.
Far
> more than the receiver was damaged, and for an extended period I
> swore I'd never buy another and would stick to safer hobbies such
as
> racing my motorcycle in the street. But the urge to buy another
> receiver has stayed and I'm going to do it.
>
> I come here with one question. Should I buy an NRD-535D or an NRD-
> 545? Originally I was going to buy the 545, but recently I have
read
> some messages on the 545 group that have made me wonder. I live in
> Pheonix and experienced a lot of noise with both my original NRD-
525
> and my later ICOM R75. Lately I have read that the noise blanker
> works much better on the 535D than on the 545. Herer are some
quotes
> from the 545 group:
>
> The 535's noise blanker was magical, and would take almost all of
the
> line noise away. I don't find the 545's NB to be nearly as good.
>
> While I had both the 535 and 545 side-by-side, I had to conclude
that

> the 535 could bring some stations out of the mush that the 545
> couldn't, partly because of the excellent noise blanker in the 535
and
> the seeming harshness that the 545 sometimes has on very weak
signals.
>
> Compared to my other radios the 545 noise blanker is anemic.
>
> I also read something that made me think that the two were pretty
> much equal: If I had to choose only one receiver that I could keep
> forever, it would be either the NRD-535 or 545. Those radios have
all
> the right stuff.
>
> What do you guys think? It the 535D actually equal to or better
than
> the 545? Has anyone here tried both and decided to stick with the
> 535? I mostly listen to whats left of the international
broadcasts,
> and now and then to whatever else comes up. Right now there is a
> 535D on ebay that looks like it is going to go for at least $900
and
> and 545 that is $1250 buy it now. Both seem to be from reputable
> sellers and I'm trying to decide which to buy. Any comments or
> suggetions would be very helpfull, particularly if they were today
> before one or the other sells.
> Thanks for your time,
> Lee
>

1571. Re: [nrd-525-535] NRD-535D or NRD-545?

Yahoo group: nrd-525-535
Date: 2007-12-16 03:57:31 UTC
From: John Dokulil
Topic: 1569 Message: 1571

Lee:

I've not had the pleasure in comparing an out of the box NRD-535D to an out of the box NRD-545. But for several hours I have compared my Customized/Modified/Upgraded NRD-535Db to an out of the box NRD-545. I did so because I wonder if my receiver was up to par with the newer 545.

PLEASE NOTE: I had no test equipment and only had the NRD-545 for about 6 hours in order to make my comparisons. And I compared the NRD-545 to my Customized/Modified/Upgraded NRD-535Db, not an out of the box NRD-535D

- The audio quality of my upgraded 535Db was superior to the 545. But then my receiver had several upgrades performed to it by myself and by Kiwa Electronics (http://www.kiwa.com/). I can not say if the 545 would sound as good if it had the same upgrades (possibly so).

- I was definitely disappointed with the 545's DSP (a selling point for the 545 and not provided in the 535D). DSP was pushed as something wonderful, but I found it some what cumbersome and to me sounded as if it distorted the signal rather than improving it. The 545's DSP may have some good points, but in most cases it seemed to only make the signal harder to understand, not better. I'm a DXer, so my bottom line is, "which unit had cleaner, more intelligible sound", and that was definitely my 535Db.

Conclusion:
The NRD-545 is a fine receiver, but to my ears was not as good as my Customized/Modified/Upgraded NRD-535Db. As I said, I compared it to my Customized/Modified/Upgraded NRD-535Db, not an out of the box NRD-535D.

If you decide on the 535, make sure it's the "D" or "Db" version and definitely get the audio upgrade from Kiwa (just amazing).

John Dokulil
WDX6GMX

----- Original Message -----
From: tljb7
To: nrd-525-535@yahoogroups.com
Sent: Saturday, December 15, 2007 7:46 AM
Subject: [nrd-525-535] NRD-535D or NRD-545?

Hi,
I'm new here so please excuse the fact that this will probably be a bit long winded. I'm in the process of buying a receiver to replace my ICOM R75 that was destroyed by lightning a couple years ago. Far more than the receiver was damaged, and for an extended period I swore I'd never buy another and would stick to safer hobbies such as

racing my motorcycle in the street. But the urge to buy another receiver has stayed and I'm going to do it.

I come here with one question. Should I buy an NRD-535D or an NRD-545? Originally I was going to buy the 545, but recently I have read some messages on the 545 group that have made me wonder. I live in Pheonix and experienced a lot of noise with both my original NRD-525 and my later ICOM R75. Lately I have read that the noise blanker works much better on the 535D than on the 545. Herer are some quotes from the 545 group:

The 535's noise blanker was magical, and would take almost all of the line noise away. I don't find the 545's NB to be nearly as good.

While I had both the 535 and 545 side-by-side, I had to conclude that the 535 could bring some stations out of the mush that the 545 couldn't, partly because of the excellent noise blanker in the 535 and the seeming harshness that the 545 sometimes has on very weak signals.

Compared to my other radios the 545 noise blanker is anemic.

I also read something that made me think that the two were pretty much equal: If I had to choose only one receiver that I could keep forever, it would be either the NRD-535 or 545. Those radios have all the right stuff.

What do you guys think? It the 535D actually equal to or better than the 545? Has anyone here tried both and decided to stick with the 535? I mostly listen to whats left of the international broadcasts, and now and then to whatever else comes up. Right now there is a 535D on ebay that looks like it is going to go for at least $900 and and 545 that is $1250 buy it now. Both seem to be from reputable sellers and I'm trying to decide which to buy. Any comments or suggetions would be very helpfull, particularly if they were today before one or the other sells.
Thanks for your time,
Lee

1572. Re: [nrd-525-535] NRD-535D or NRD-545?

Yahoo group: nrd-525-535
Date: 2007-12-16 14:08:28 UTC
From: Robert W. Betts
Topic: 1569 Message: 1572

Hi Group:
I'll confess, up front, that I'm a huge JRC fan, for several reasons, but boiled down, I think it's because ov the "value." I'd say, dollars per performance, the entire linage can't be beat. I have the 545 here, along side the 535D and 515. I really would hate to try to compare them, since they are all different animals. Once the 545 is set up the way you want the menus, it's hard to beat at almost any price. In my business, I've been able to play with a few Watkins-Johnson 8711 and 1000, several Racal, Harris, Icom R9000, and a Tentec 340 receivers. All these units are far above my budget, but it's nice to have customers' toys in here for a few weeks at a time. I find it interesting that a 545, for less than $2K, will hold its own against many of these "commercial" receivers. Every one has its minor short comings, but to me, at that level of 'pickiness" - I really don't care. I was raised on tube radios, the likes of the R390 and (remember) the old SX28 and HQ180A and lots of Ham gear, but today, it's a different world. We have different broadcast conditions with less and less international stations, digital (IBOC) noise, house born QRM, BPL, and on and on.
I guess what I want to say is that my roots influence what I do, so the 535D is probably the pet of my herd. There is no special reason for that, as the 545 and 515 get almost equal time under my knob-twisting fat fingers. I suppose the tie breaker is the 535 (and 525) ergo layout is by far the best I've encountered.
Of course, this is all personal preference and opinion, but one thing is undeniable: JRC value is at least double that of other radios I've had the pleasure of playing with...errr, servicing, for my wealthy customers. Bottom line: I think the 545 is a better radio in many respects, but the older analog JRCs are just good old friends that do everything I need to do.
Happy signals,
Bob, N1KPR

http://www.bobsamerica.com

1573. Re: [nrd-525-535] NRD-535D or NRD-545?

Yahoo group: nrd-525-535
Date: 2007-12-16 18:29:56 UTC
From: Patrick Garner
Topic: 1569 Message: 1573

Wonderful description of the range of JRCs, Bob. A glowing,
beautifully written reply.
Pat
On Dec 16, 2007, at 9:08 AM, Robert W. Betts wrote:

>
> Hi Group:
> I'll confess, up front, that I'm a huge JRC fan, for several
> reasons, but boiled down, I think it's because ov the "value." I'd
> say, dollars per performance, the entire linage can't be beat. I
> have the 545 here, along side the 535D and 515. I really would hate
> to try to compare them, since they are all different animals. Once
> the 545 is set up the way you want the menus, it's hard to beat at
> almost any price. In my business, I've been able to play with a few
> Watkins-Johnson 8711 and 1000, several Racal, Harris, Icom R9000,
> and a Tentec 340 receivers. All these units are far above my budget,
> but it's nice to have customers' toys in here for a few weeks at a
> time. I find it interesting that a 545, for less than $2K, will hold
> its own against many of these "commercial" receivers. Every one has
> its minor short comings, but to me, at that level of 'pickiness" - I
> really don't care.
> I was raised on tube radios, the likes of! the R390 and (remember)
> the old SX28 and HQ180A and lots of Ham gear, but today, it's a
> different world. We have different broadcast conditions with less
> and less international stations, digital (IBOC) noise, house born
> QRM, BPL, and on and on.
> I guess what I want to say is that my roots influence what I do, so
> the 535D is probably the pet of my herd. There is no special reason
> for that, as the 545 and 515 get almost equal time under my knob-
> twisting fat fingers. I suppose the tie breaker is the 535 (and 525)
> ergo layout is by far the best I've encountered.
> Of course, this is all personal preference and opinion, but one
> thing is undeniable: JRC value is at least double that of other
> radios I've had the pleasure of playing with...errr, servicing, for
> my wealthy customers. Bottom line: I think the 545 is a better radio
> in many respects, but the older analog JRCs are just good old
> friends that do everything I need to do.
> Happy signals,
> Bob, N1KPR
>
>
> http://www.bobsamerica.com
>
>

Patrick Garner
109 Whitney St
Northboro, MA 01532

1574. Re: [nrd-525-535] NRD-535D or NRD-545?

Yahoo group: nrd-525-535
Date: 2007-12-17 03:27:51 UTC
From: Brian Denley
Topic: 1569 Message: 1574

Nice writeup Bob! I never did spring for one of the 545s but I have to say
that the my 535Db (bought new) is my favorite radio when tuning by hand. It
feels exactly like a high quality radio should. I don't think the bandwidth
control gets enough press: it works very well! I also actually use the
RTTY decoder card (CMH-530) that I got with it.
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Robert W. Betts" <rwbetts@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, December 16, 2007 9:08 AM
Subject: Re: [nrd-525-535] NRD-535D or NRD-545?

> Hi Group:
> I'll confess, up front, that I'm a huge JRC fan, for several reasons, but
> boiled down, I think it's because ov the "value." I'd say, dollars per
> performance, the entire linage can't be beat. I have the 545 here, along
> side the 535D and 515. I really would hate to try to compare them, since
> they are all different animals. Once the 545 is set up the way you want
> the menus, it's hard to beat at almost any price. In my business, I've
> been able to play with a few Watkins-Johnson 8711 and 1000, several Racal,
> Harris, Icom R9000, and a Tentec 340 receivers. All these units are far
> above my budget, but it's nice to have customers' toys in here for a few
> weeks at a time. I find it interesting that a 545, for less than $2K, will
> hold its own against many of these "commercial" receivers. Every one has
> its minor short comings, but to me, at that level of 'pickiness" - I
> really don't care.
> I was raised on tube radios, the likes of the R390 and (remember) the old
> SX28 and HQ180A and lots of Ham gear, but today, it's a different world.
> We have different broadcast conditions with less and less international
> stations, digital (IBOC) noise, house born QRM, BPL, and on and on.
> I guess what I want to say is that my roots influence what I do, so the
> 535D is probably the pet of my herd. There is no special reason for that,
> as the 545 and 515 get almost equal time under my knob-twisting fat
> fingers. I suppose the tie breaker is the 535 (and 525) ergo layout is by
> far the best I've encountered.
> Of course, this is all personal preference and opinion, but one thing is
> undeniable: JRC value is at least double that of other radios I've had the
> pleasure of playing with...errr, servicing, for my wealthy customers.
> Bottom line: I think the 545 is a better radio in many respects, but the
> older analog JRCs are just good old friends that do everything I need to
> do.
> Happy signals,
> Bob, N1KPR

>
>
> http://www.bobsamerica.com

1575. Re: NRD-535D or NRD-545?

Yahoo group: nrd-525-535
Date: 2007-12-17 08:05:48 UTC
From: g8lyv
Topic: 1569 Message: 1575

Great writeup indeed.
I have both the 535 and 545 here...they are very different radios.

The 545 is very nice on SSB, the knife edge selectivity is exceptionally good. Signals are crisp and very clean, there's no broadband noise on the received audio as on the 525 for example. You can also adjust the agc recovery time.

I am less impressed with its performance on weak AM signals such as those found on 160M. At low levels the detector sounds very gritty, but it does move into sync detector mode as the level moves up. The ECSS works better than the 535 which can lose lock on weak signals unless you make some simple mods.

Ergonomics are great and the tuning is very smooth. S meter has a very good law and you can adjust the S9 point via the serial control port. The VHF UHF convertor is rubbish!

My preference is slightly in favour of the 535, but you do need to add the JRC SSB filter (CFL251) and a decent AM filter such as the Murata CFG455G. The standard filters are a bit too narrow. The audio tailoring is a bit odd but very easy to modify, and I found that a slight tweak to the AM detector reduced the AM distortion dramatically. The radio when modded is incredibly clean sounding on AM signals.

The bandwidth control is very good, especially if you get a 535 with the wide version of the board (CFL243W). The noise blanker works well.

Overall if you prefer SSB then I would get the 545, AM then get the 535, but you will need to make some mods to optimise it.

73's Kevin, G8LYV

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Nice writeup Bob! I never did spring for one of the 545s but I have to say
> that the my 535Db (bought new) is my favorite radio when tuning by hand. It
> feels exactly like a high quality radio should. I don't think the bandwidth
> control gets enough press: it works very well! I also actually use the
> RTTY decoder card (CMH-530) that I got with it.
> Brian Denley

> http://home.comcast.net/~b.denley/index.html
>
>
> ----- Original Message -----
> From: "Robert W. Betts" <rwbetts@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Sunday, December 16, 2007 9:08 AM
> Subject: Re: [nrd-525-535] NRD-535D or NRD-545?
>
>
> > Hi Group:
> > I'll confess, up front, that I'm a huge JRC fan, for several
reasons, but
> > boiled down, I think it's because ov the "value." I'd say,
dollars per
> > performance, the entire linage can't be beat. I have the 545
here, along
> > side the 535D and 515. I really would hate to try to compare
them, since
> > they are all different animals. Once the 545 is set up the way
you want
> > the menus, it's hard to beat at almost any price. In my business,
I've
> > been able to play with a few Watkins-Johnson 8711 and 1000,
several Racal,
> > Harris, Icom R9000, and a Tentec 340 receivers. All these units
are far
> > above my budget, but it's nice to have customers' toys in here
for a few
> > weeks at a time. I find it interesting that a 545, for less than
$2K, will
> > hold its own against many of these "commercial" receivers. Every
one has
> > its minor short comings, but to me, at that level of 'pickiness" -
I
> > really don't care.
> > I was raised on tube radios, the likes of the R390 and
(remember) the old
> > SX28 and HQ180A and lots of Ham gear, but today, it's a different
world.
> > We have different broadcast conditions with less and less
international
> > stations, digital (IBOC) noise, house born QRM, BPL, and on and
on.
> > I guess what I want to say is that my roots influence what I do,
so the
> > 535D is probably the pet of my herd. There is no special reason
for that,
> > as the 545 and 515 get almost equal time under my knob-twisting
fat

> > fingers. I suppose the tie breaker is the 535 (and 525) ergo
layout is by
> > far the best I've encountered.
> > Of course, this is all personal preference and opinion, but one
thing is
> > undeniable: JRC value is at least double that of other radios
I've had the
> > pleasure of playing with...errr, servicing, for my wealthy
customers.
> > Bottom line: I think the 545 is a better radio in many respects,
but the
> > older analog JRCs are just good old friends that do everything I
need to
> > do.
> > Happy signals,
> > Bob, N1KPR
> >
> >
> > http://www.bobsamerica.com
>

1576. Re: [nrd-525-535] Re: NRD-535D or NRD-545?

Yahoo group: nrd-525-535
Date: 2007-12-17 09:27:03 UTC
From: gandalfg8@aol.com
Topic: 1569 Message: 1576

In a message dated 17/12/2007 08:06:08 GMT Standard Time, kkyahoo@...
writes:

My preference is slightly in favour of the 535, but you do need to
add the JRC SSB filter (CFL251) and a decent AM filter such as the
Murata CFG455G. The standard filters are a bit too narrow. The audio
tailoring is a bit odd but very easy to modify, and I found that a
slight tweak to the AM detector reduced the AM distortion
dramatically. The radio when modded is incredibly clean sounding on
AM signals.

Hi Kevin

Any information available on the "slight tweak" to the AM detector?

regards

Nigel

GM8PZR

1577. Re: [nrd-525-535] Re: NRD-535D or NRD-545?

Yahoo group: nrd-525-535
Date: 2007-12-17 10:18:17 UTC
From: kkyahoo
Topic: 1569 Message: 1577

Hi Nigel,

On my 535 I measured 9.6% distortion with a 1mV rf input signal at 90% mod, 1000Hz mod frequency, much worse than on the 525.
These sets use a homodyne detection system on AM and it is important that the injection on the carrier port of the detector is hard limited.

By comparing the 525 IF amp board circuits circuits with those of the 535 I found that the carrier port of the detector was not being driven hard enough on the 535. I reduced the value of R87 by bridging it with a 8.2k resistor, you could just remove R87 and use a 6.8k instead. I also removed R221, a 10k resistor.

After these two mods I measured the af distortion to be 0.6% under the same test conditions as above. It is a good idea to check that RV4, the agc pot, is set to give a level of 10mV RMS at TP2 as per the service manual.

Kevin
----- Original Message -----
From: gandalfg8@...
To: nrd-525-535@yahoogroups.com
Sent: Monday, December 17, 2007 9:27 AM
Subject: Re: [nrd-525-535] Re: NRD-535D or NRD-545?

In a message dated 17/12/2007 08:06:08 GMT Standard Time, kkyahoo@... writes:
My preference is slightly in favour of the 535, but you do need to
add the JRC SSB filter (CFL251) and a decent AM filter such as the
Murata CFG455G. The standard filters are a bit too narrow. The audio
tailoring is a bit odd but very easy to modify, and I found that a
slight tweak to the AM detector reduced the AM distortion
dramatically. The radio when modded is incredibly clean sounding on
AM signals.

Hi Kevin

Any information available on the "slight tweak" to the AM detector?

regards

Nigel

GM8PZR

1578. Re: [nrd-525-535] Re: NRD-535D or NRD-545?

Yahoo group: nrd-525-535
Date: 2007-12-17 11:50:00 UTC
From: gandalfg8@aol.com
Topic: 1569 Message: 1578

In a message dated 17/12/2007 10:18:47 GMT Standard Time, kkyahoo@...
writes:

After these two mods I measured the af distortion to be 0.6% under the same
test conditions as above. It is a good idea to check that RV4, the agc pot,
is set to give a level of 10mV RMS at TP2 as per the service manual.

Hi Kevin

Many thanks for the information.

My 535 is still in storage right now but I've archived your email and will
pursue that once the radio is home again.

regards

Nigel
GM8PZR

1579. NRD-525 Accessories

Yahoo group: nrd-525-535
Date: 2007-12-18 22:53:20 UTC
From: sjotrollet
Topic: 1579 Message: 1579

Anyone got any idea where I could get a few of the accessories
for the 525, like the RS-232 cable and VHF/UHF converter?
73
Walt (N4GL)

1580. Re: [nrd-525-535] NRD-525 Accessories

Yahoo group: nrd-525-535
Date: 2007-12-18 23:02:58 UTC
From: Patrick Garner
Topic: 1579 Message: 1580

I'd try both Universal Radio, and Kiwa. Both often have spare parts.
If they don't they might be able to give you a firm lead.
Pat
On Dec 18, 2007, at 5:53 PM, sjotrollet wrote:

> Anyone got any idea where I could get a few of the accessories
> for the 525, like the RS-232 cable and VHF/UHF converter?
> 73
> Walt (N4GL)
>
>
>

Patrick Garner
109 Whitney St
Northboro, MA 01532

1581. Re: [nrd-525-535] NRD-525 Accessories

Yahoo group: nrd-525-535
Date: 2007-12-19 15:23:47 UTC
From: Scott Lindsay
Topic: 1579 Message: 1581

There have been a couple of VHF-UHF converters on ebay lately. Here's the
listing number for a current auction: 140191012887
73
Scott

>From: Patrick Garner <patrickgarner@...>
>Reply-To: nrd-525-535@yahoogroups.com
>To: nrd-525-535@yahoogroups.com
>Subject: Re: [nrd-525-535] NRD-525 Accessories
>Date: Tue, 18 Dec 2007 18:02:58 -0500
>
>I'd try both Universal Radio, and Kiwa. Both often have spare parts. If
>they don't they might be able to give you a firm lead.
>Pat
>On Dec 18, 2007, at 5:53 PM, sjotrollet wrote:
>
>>Anyone got any idea where I could get a few of the accessories
>>for the 525, like the RS-232 cable and VHF/UHF converter?
>>73
>>Walt (N4GL)
>>
>>
>>
>
>Patrick Garner
>109 Whitney St
>Northboro, MA 01532
>
>
>
>
>

1582. Re: [nrd-525-535] NRD-525 Accessories

Yahoo group: nrd-525-535
Date: 2007-12-19 17:55:07 UTC
From: Axel, DG3AL
Topic: 1579 Message: 1582

Accessories for the NRD-525 are hard to find. Ebay may be one source,
ham markets another.

For the RS-232 interface you may visit the following site:

http://pagesperso-orange.fr/geip/NRD525.htm

There you find everything about the NRD-525 and also a re-build of the
RS-232 card.

73 de Axel, DG3AL

sjotrollet schrieb:
>
> Anyone got any idea where I could get a few of the accessories
> for the 525, like the RS-232 cable and VHF/UHF converter?
> 73
> Walt (N4GL)
>
>

1583. NRD-535 pick your band width filter

Yahoo group: nrd-525-535
Date: 2007-12-20 01:48:36 UTC
From: Mike Rohde
Topic: 1583 Message: 1583

OK,
Assume that you are into BCB/MW (break them out if you want) If you could have an any bandwidth filters for this radio what would the values be. Pick 4-5 filters.

Thanks,
Mike

1584. Re: [nrd-525-535] NRD-535 pick your band width filter

Yahoo group: nrd-525-535
Date: 2007-12-20 03:16:23 UTC
From: Brian Denley
Topic: 1583 Message: 1584

Are we talking about a 535, 535D or 535Db?
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Mike Rohde" <merohde@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, December 19, 2007 8:48 PM
Subject: [nrd-525-535] NRD-535 pick your band width filter

OK,
Assume that you are into BCB/MW (break them out if you want) If you could have an any bandwidth filters for this radio what would the values be. Pick 4-5 filters.

Thanks,
Mike

1585. Re: NRD-535 pick your band width filter

Yahoo group: nrd-525-535
Date: 2007-12-20 03:23:43 UTC
From: Mike Rohde
Topic: 1583 Message: 1585

Either is Ok are you reffering to the Db have the extra filter slot?
I am about to have full Kiwa mods done on my D so I think it will
almost be a Db and then some after the mod. My purpose in asking is
because I will be adding another filter and I wanted to see what
filters eveyone else found useful.

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...>
wrote:
>
> Are we talking about a 535, 535D or 535Db?
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>
> ----- Original Message -----
> From: "Mike Rohde" <merohde@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Wednesday, December 19, 2007 8:48 PM
> Subject: [nrd-525-535] NRD-535 pick your band width filter
>
>
> OK,
> Assume that you are into BCB/MW (break them out if you want) If you
> could have an any bandwidth filters for this radio what would the
> values be. Pick 4-5 filters.
>
> Thanks,
> Mike
>

1586. Re: [nrd-525-535] Re: NRD-535 pick your band width filter

Yahoo group: nrd-525-535
Date: 2007-12-20 04:25:41 UTC
From: Brian Denley
Topic: 1583 Message: 1586

Mike:
I was thinking about the Db because it allows the use of the bandpass control for the WIDE filter as well as the INTER filter for AM, SSB and RTTY. This has reduced the need for other filters for many. I seem to remember that the earlier 'D' version BWC was more limited.

In any case not having the BWC would certainly drive one to add more filters.

Other than that the Db version also came with a decent 1 Khz filter in the NARROW position. For those of us who do 'Utes' this is a pretty handy filter. I do not do much CW decoding so I never had much use for a 500 Hz filter but, once again, the BWC takes the INTER filter down to 500 Hz
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Mike Rohde" <merohde@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, December 19, 2007 10:23 PM
Subject: [nrd-525-535] Re: NRD-535 pick your band width filter

Either is Ok are you reffering to the Db have the extra filter slot?
I am about to have full Kiwa mods done on my D so I think it will almost be a Db and then some after the mod. My purpose in asking is because I will be adding another filter and I wanted to see what filters eveyone else found useful.

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...>
wrote:
>
> Are we talking about a 535, 535D or 535Db?
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>
> ----- Original Message -----
> From: "Mike Rohde" <merohde@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Wednesday, December 19, 2007 8:48 PM
> Subject: [nrd-525-535] NRD-535 pick your band width filter
>
>
> OK,
> Assume that you are into BCB/MW (break them out if you want) If you
> could have an any bandwidth filters for this radio what would the
> values be. Pick 4-5 filters.

>
> Thanks,
> Mike
>

1587. Re: NRD-525 ACcessories

Yahoo group: nrd-525-535
Date: 2007-12-20 18:39:26 UTC
From: Walter Treftz
Topic: 1587 Message: 1587

Tks for the tip. I just looked at the eBay posting. I bid $101 and they still have a "reserve" -- I refuse to play the game of bidding against an unknown reserve value. If he wants a certain amount for it, but no less, then he should put that as an opening bid. He advises that one recently sold on eBay for $500+ so if thats what they're worth, I'll pass on them but then I just sold my R-390A for $6000 to a Nigerian and today received a check for $10,000 -- deal will be completed as soon as I send the difference back to him and he arranges pickup. Man, what a deal.
Tks for the input anyway.
73
Walt (N4GL)

Never miss a thing. Make Yahoo your homepage.

1588. Re: NRD-525 ACcessories

Yahoo group: nrd-525-535
Date: 2007-12-20 19:53:19 UTC
From: arne_at_cox_net
Topic: 1587 Message: 1588

This sounds like one of those Nigerian scams.

Arne

--- In nrd-525-535@yahoogroups.com, Walter Treftz <sjotrollet@...>
wrote:
>
> Tks for the tip. I just looked at the eBay posting. I bid $101 and
they still have
> a "reserve" -- I refuse to play the game of bidding against an
unknown reserve
> value. If he wants a certain amount for it, but no less, then he
should put that
> as an opening bid. He advises that one recently sold on eBay for
$500+ so if
> thats what they're worth, I'll pass on them but then I just sold my
R-390A for
> $6000 to a Nigerian and today received a check for $10,000 -- deal
will be
> completed as soon as I send the difference back to him and he
arranges
> pickup. Man, what a deal.
> Tks for the input anyway.
> 73
> Walt (N4GL)
>
>
> ---------------------------------
> Never miss a thing. Make Yahoo your homepage.
>

1589. Re: [nrd-525-535] Re: NRD-525 ACcessories

Yahoo group: nrd-525-535
Date: 2007-12-20 20:02:43 UTC
From: Patrick Garner
Topic: 1587 Message: 1589

Agreed. Walt, you're being scammed. Big time.
On Dec 20, 2007, at 2:53 PM, arne_at_cox_net wrote:

> This sounds like one of those Nigerian scams.
>
> Arne
>
> --- In nrd-525-535@yahoogroups.com, Walter Treftz <sjotrollet@...>
> wrote:
> >
> > Tks for the tip. I just looked at the eBay posting. I bid $101 and
> they still have
> > a "reserve" -- I refuse to play the game of bidding against an
> unknown reserve
> > value. If he wants a certain amount for it, but no less, then he
> should put that
> > as an opening bid. He advises that one recently sold on eBay for
> $500+ so if
> > thats what they're worth, I'll pass on them but then I just sold my
> R-390A for
> > $6000 to a Nigerian and today received a check for $10,000 -- deal
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> > completed as soon as I send the difference back to him and he
> arranges
> > pickup. Man, what a deal.
> > Tks for the input anyway.
> > 73
> > Walt (N4GL)
> >
> >
> > ---------------------------------
> > Never miss a thing. Make Yahoo your homepage.
> >
>
>
>

Patrick Garner
109 Whitney St
Northboro, MA 01532

1590. Re: NRD-535 pick your band width filter

Yahoo group: nrd-525-535
Date: 2007-12-20 20:09:14 UTC
From: arne_at_cox_net
Topic: 1583 Message: 1590

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...>
> I was thinking about the Db because it allows the use of the
> bandpass control for the WIDE filter as well as the INTER filter for
> AM, SSB and RTTY. I seem to remember that the earlier 'D' version
> BWC was more limited.

My 535D (not Db) bought new in 1995 operates this way. It came the
newer CFL-243W BWC unit, which allows this.

> Other than that the Db version also came with a decent 1 Khz filter
> in the NARROW position.
> Brian Denley

So did my 535D. What exactly is the difference between the 'D' and
the 'Db' versions?

Arne

1591. Re: [nrd-525-535] Re: NRD-535 pick your band width filter

Yahoo group: nrd-525-535
Date: 2007-12-21 04:00:02 UTC
From: Brian Denley
Topic: 1583 Message: 1591

Arne:
see: http://members.aol.com/RKDX/NRD-535Db.html

and: http://www.universal-radio.com/catalog/commrxvr/1535.html

As far as I know, the 535Db is not really an official JRC designation but used by many to differentiate the older and newer 535D versions. It sounds like you have the newer 535D.

Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "arne_at_cox_net" <arne@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Thursday, December 20, 2007 3:09 PM
Subject: [nrd-525-535] Re: NRD-535 pick your band width filter

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...>
> I was thinking about the Db because it allows the use of the
> bandpass control for the WIDE filter as well as the INTER filter for
> AM, SSB and RTTY. I seem to remember that the earlier 'D' version
> BWC was more limited.

My 535D (not Db) bought new in 1995 operates this way. It came the newer CFL-243W BWC unit, which allows this.

> Other than that the Db version also came with a decent 1 Khz filter
> in the NARROW position.
> Brian Denley

So did my 535D. What exactly is the difference between the 'D' and the 'Db' versions?

Arne

1592. Re: NRD-525 ACcessories

Yahoo group: nrd-525-535
Date: 2007-12-21 14:44:36 UTC
From: Jim Hackett
Topic: 1587 Message: 1592

I DO believe Walt succeeded in "scamming" you guys!

--- In nrd-525-535@yahoogroups.com, Patrick Garner
<patrickgarner@...> wrote:
>
> Agreed. Walt, you're being scammed. Big time.
> On Dec 20, 2007, at 2:53 PM, arne_at_cox_net wrote:
>
> > This sounds like one of those Nigerian scams.
> >
> > Arne
> >
> > --- In nrd-525-535@yahoogroups.com, Walter Treftz <sjotrollet@>
> > wrote:
> > >
> > > Tks for the tip. I just looked at the eBay posting. I bid $101
and
> > they still have
> > > a "reserve" -- I refuse to play the game of bidding against an
> > unknown reserve
> > > value. If he wants a certain amount for it, but no less, then
he
> > should put that
> > > as an opening bid. He advises that one recently sold on eBay
for
> > $500+ so if
> > > thats what they're worth, I'll pass on them but then I just
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> > R-390A for
> > > $6000 to a Nigerian and today received a check for $10,000 --
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> > will be
> > > completed as soon as I send the difference back to him and he
> > arranges
> > > pickup. Man, what a deal.
> > > Tks for the input anyway.
> > > 73
> > > Walt (N4GL)
> > >
> > >
> > > ---------------------------------
> > > Never miss a thing. Make Yahoo your homepage.
> > >
> >
> >
> >

> >
>
> Patrick Garner
> 109 Whitney St
> Northboro, MA 01532
>

1593. Re: NRD-525 ACcessories

Yahoo group: nrd-525-535
Date: 2007-12-21 16:31:08 UTC
From: Walter Treftz
Topic: 1587 Message: 1593

Yeah, I know about the scams. My momma didn't raise no fools ---- an idiot or two but no fools.
Its sort of a game with me to play them along (I'm now holding close to a half-million bucks of their checks). Doing a Christian thing here. Play them along figuring the time they waste on emails to me they could be conning some poor slob that might fall for it.
This last one (the $6K R-390 caper) I even talked into sending the "check" by priority UPS mail so that cost him $15-18 extra -- just a bit of salt in the wound.
When I get a million bucks of them I plan to laminate them on a coffee table and call it my "million dollar table" --- maybe I need to get a life. If someone would sell me that NRD-252 VHF converter I could get back into SWL.
73
Walt (N4GL)

Never miss a thing. Make Yahoo your homepage.

1594. Re: NRD-535 pick your band width filter

Yahoo group: nrd-525-535
Date: 2007-12-21 19:02:20 UTC
From: arne_at_cox_net
Topic: 1583 Message: 1594

Hi Brian, thanks for the URL's. I also went back and read some of the past messages here regarding this and became more enlightened. Also, this web page was a big help.

www.lannuier.com/ww2pt/page.cfm?content=nrd535

Info almost "straight from the horse's mouth" :~)

Arne

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Arne:
> see: http://members.aol.com/RKDX/NRD-535Db.html
>
> and: http://www.universal-radio.com/catalog/commrxvr/1535.html
>
> As far as I know, the 535Db is not really an official JRC designation but
> used by many to differentiate the older and newer 535D versions. It sounds
> like you have the newer 535D.
>
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>
>
> ----- Original Message -----
> From: "arne_at_cox_net" <arne@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Thursday, December 20, 2007 3:09 PM
> Subject: [nrd-525-535] Re: NRD-535 pick your band width filter
>
>
> --- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@>
> > I was thinking about the Db because it allows the use of the
> > bandpass control for the WIDE filter as well as the INTER filter for
> > AM, SSB and RTTY. I seem to remember that the earlier 'D' version
> > BWC was more limited.
>
> My 535D (not Db) bought new in 1995 operates this way. It came the
> newer CFL-243W BWC unit, which allows this.
>
> > Other than that the Db version also came with a decent 1 Khz

filter
> > in the NARROW position.
> > Brian Denley
>
> So did my 535D. What exactly is the difference between the 'D' and
> the 'Db' versions?
>
> Arne
>

1595. Re: NRD-525 ACcessories

Yahoo group: nrd-525-535
Date: 2007-12-22 04:23:21 UTC
From: caladonia5560
Topic: 1587 Message: 1595

I sold my NRD-525 VHF-UHF converter long ago and bought a good used Icom IC-R7000 VHF-UHF receiver with the money. Much more bang for the buck!

Les Layton
Las Vegas, NV

1596. Re: [nrd-525-535] Re: NRD-535 pick your band width filter

Yahoo group: nrd-525-535
Date: 2007-12-23 06:04:39 UTC
From: Brian Denley
Topic: 1583 Message: 1596

Arne:
Thanks for sending that file. I do remember seeing that before but I had
forgotten some of the facts.
Brian
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "arne_at_cox_net" <arne@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, December 21, 2007 2:02 PM
Subject: [nrd-525-535] Re: NRD-535 pick your band width filter

Hi Brian, thanks for the URL's. I also went back and read some of the
past messages here regarding this and became more enlightened. Also,
this web page was a big help.

www.lannuier.com/ww2pt/page.cfm?content=nrd535

Info almost "straight from the horse's mouth" :~)

Arne

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...>
wrote:
>
> Arne:
> see: http://members.aol.com/RKDX/NRD-535Db.html
>
> and: http://www.universal-radio.com/catalog/commrxvr/1535.html
>
> As far as I know, the 535Db is not really an official JRC
designation but
> used by many to differentiate the older and newer 535D versions. It
sounds
> like you have the newer 535D.
>
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>
>
> ----- Original Message -----
> From: "arne_at_cox_net" <arne@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Thursday, December 20, 2007 3:09 PM
> Subject: [nrd-525-535] Re: NRD-535 pick your band width filter
>

>
> --- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@>
> > I was thinking about the Db because it allows the use of the
> > bandpass control for the WIDE filter as well as the INTER filter
for
> > AM, SSB and RTTY. I seem to remember that the earlier 'D' version
> > BWC was more limited.
>
> My 535D (not Db) bought new in 1995 operates this way. It came the
> newer CFL-243W BWC unit, which allows this.
>
> > Other than that the Db version also came with a decent 1 Khz
filter
> > in the NARROW position.
> > Brian Denley
>
> So did my 535D. What exactly is the difference between the 'D' and
> the 'Db' versions?
>
> Arne
>

1597. Re: [nrd-525-535] Re: NRD-535 pick your band width filter

Yahoo group: nrd-525-535
Date: 2007-12-25 11:24:53 UTC
From: Frank DeMarco
Topic: 1583 Message: 1597

On the 525, I have found the 4kz filter the most
useful. One size fits all, BC, SSB, ECCS, etc. 73's,
Frank
--- Brian Denley <b.denley@...> wrote:

> Mike:
> I was thinking about the Db because it allows the
> use of the bandpass
> control for the WIDE filter as well as the INTER
> filter for AM, SSB and
> RTTY. This has reduced the need for other filters
> for many. I seem to
> remember that the earlier 'D' version BWC was more
> limited.
>
> In any case not having the BWC would certainly drive
> one to add more
> filters.
>
> Other than that the Db version also came with a
> decent 1 Khz filter in the
> NARROW position. For those of us who do 'Utes' this
> is a pretty handy
> filter. I do not do much CW decoding so I never had
> much use for a 500 Hz
> filter but, once again, the BWC takes the INTER
> filter down to 500 Hz
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>
> ----- Original Message -----
> From: "Mike Rohde" <merohde@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Wednesday, December 19, 2007 10:23 PM
> Subject: [nrd-525-535] Re: NRD-535 pick your band
> width filter
>
>
> Either is Ok are you reffering to the Db have the
> extra filter slot?
> I am about to have full Kiwa mods done on my D so I
> think it will
> almost be a Db and then some after the mod. My
> purpose in asking is
> because I will be adding another filter and I wanted

> to see what
> filters eveyone else found useful.
>
>
> --- In nrd-525-535@yahoogroups.com, "Brian Denley"
> <b.denley@...>
> wrote:
> >
> > Are we talking about a 535, 535D or 535Db?
> > Brian Denley
> > http://home.comcast.net/~b.denley/index.html
> >
> > ----- Original Message -----
> > From: "Mike Rohde" <merohde@...>
> > To: <nrd-525-535@yahoogroups.com>
> > Sent: Wednesday, December 19, 2007 8:48 PM
> > Subject: [nrd-525-535] NRD-535 pick your band
> width filter
> >
> >
> > OK,
> > Assume that you are into BCB/MW (break them out if
> you want) If you
> > could have an any bandwidth filters for this radio
> what would the
> > values be. Pick 4-5 filters.
> >
> > Thanks,
> > Mike
> >
>
>
>
>

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1598. Re: NRD-535 pick your band width filter

Yahoo group: nrd-525-535
Date: 2007-12-25 19:13:44 UTC
From: Ari Kilponen
Topic: 1583 Message: 1598

In my 535 there are two Murata filters, CFJ455K5 (2.4 kHz - 6 dB) and K6 (2.2 kHz) and they offer pretty good selectivity in the crowded AM band here in Finland. Some fellow DXers use CFJ455K4 (2.6 kHz). Of course it depends on what and where you are listening to. In real DX listening filters narrow like these are must ones.

--- In nrd-525-535@yahoogroups.com, "Mike Rohde" <merohde@...> wrote:
>
> OK,
> Assume that you are into BCB/MW (break them out if you want) If you
> could have an any bandwidth filters for this radio what would the
> values be. Pick 4-5 filters.
>
> Thanks,
> Mike
>

1599. Rapid switching on &off NRD 525

Yahoo group: nrd-525-535
Date: 2008-01-08 19:42:37 UTC
From: centuryraptor
Topic: 1599 Message: 1599

Hello to all I am new to the group and I am in the process of buying a 525 but before I do the fault below needs to be rectified.
Has any one any idea of the cause for the following problem, and possible rectification.
After the receiver has been on for a while time varies it suddenly starts to switch on and off by itself.

Regards
Ray

1600. Re: [nrd-525-535] Rapid switching on &off NRD 525

Yahoo group: nrd-525-535
Date: 2008-01-08 20:07:19 UTC
From: Patrick Garner
Topic: 1599 Message: 1600

Ray, I've owned a 525 for years & never had (nor heard of) that
problem. You might want to call a tech at Universal Radio.
PG
On Jan 8, 2008, at 2:42 PM, centuryraptor wrote:

> Hello to all I am new to the group and I am in the process of buying a
> 525 but before I do the fault below needs to be rectified.
> Has any one any idea of the cause for the following problem, and
> possible rectification.
> After the receiver has been on for a while time varies it suddenly
> starts to switch on and off by itself.
>
> Regards
> Ray
>
>
>

Patrick Garner
109 Whitney St
Northboro, MA 01532

1601. Cheching of NB and Preselector?

Yahoo group: nrd-525-535
Date: 2008-01-08 20:32:55 UTC
From: kpt_haddock2001
Topic: 1601 Message: 1601

Hi all
I would like to check if the Noiseblanker and the
tracking preselector of my NRD 525 are working correctly.
Is there a way to do this?
Regards
Andy

1602. Re: Rapid switching on &off NRD 525

Yahoo group: nrd-525-535
Date: 2008-01-08 20:40:19 UTC
From: ortfmic
Topic: 1599 Message: 1602

Ray,

My 525 did that too. Somewhere, somehow, I found a Google hit on the topic and that someone suggested removing and re-installing the fuse, or putting in a new fuse. I'm not sure it fixed my radio, but I took out the fuse, turned it around, and put it back it and my radio hasn't failed since; but, I'm waiting for the return of the summer heat to see if it's a cooling issue.

Regards,
Tom

--- In nrd-525-535@yahoogroups.com, "centuryraptor" <ray@...> wrote:
>
> Hello to all I am new to the group and I am in the process of buying a
> 525 but before I do the fault below needs to be rectified.
> Has any one any idea of the cause for the following problem, and
> possible rectification.
> After the receiver has been on for a while time varies it suddenly
> starts to switch on and off by itself.
>
> Regards
> Ray
>

1603. Re: [nrd-525-535] Re: Rapid switching on &off NRD 525

Yahoo group: nrd-525-535
Date: 2008-01-08 22:15:00 UTC
From: Chuck
Topic: 1599 Message: 1603

The cause of that problem is the fuse. Take out the fuse and expand the spring that is in the fuse holder cap so that it makes better contact. I had this problem too and the above procedure solved the problem.

Chuck

----- Original Message -----
From: ortfmic
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, January 08, 2008 20:40
Subject: [nrd-525-535] Re: Rapid switching on &off NRD 525

Ray,

My 525 did that too. Somewhere, somehow, I found a Google hit on the topic and that someone suggested removing and re-installing the fuse, or putting in a new fuse. I'm not sure it fixed my radio, but I took out the fuse, turned it around, and put it back it and my radio hasn't failed since; but, I'm waiting for the return of the summer heat to see if it's a cooling issue.

Regards,
Tom

--- In nrd-525-535@yahoogroups.com, "centuryraptor" <ray@...> wrote:
>
> Hello to all I am new to the group and I am in the process of buying a
> 525 but before I do the fault below needs to be rectified.
> Has any one any idea of the cause for the following problem, and
> possible rectification.
> After the receiver has been on for a while time varies it suddenly
> starts to switch on and off by itself.
>
> Regards
> Ray
>

1604. Re: Rapid switching on &off NRD 525

Yahoo group: nrd-525-535
Date: 2008-01-09 00:24:29 UTC
From: caladonia5560
Topic: 1599 Message: 1604

The fuse holder sounds like a good possibility, but if that doesn't do it, try a different power cord. I have another radio that uses the same type of power cord as my NRD-525 and it had a similar problem that was due to a loose fitting plug on the power cord end that goes to the radio.

--- In nrd-525-535@yahoogroups.com, "centuryraptor" <ray@...> wrote:
>
> Hello to all I am new to the group and I am in the process of buying a
> 525 but before I do the fault below needs to be rectified.
> Has any one any idea of the cause for the following problem, and
> possible rectification.
> After the receiver has been on for a while time varies it suddenly
> starts to switch on and off by itself.
>
> Regards
> Ray
>

1605. Re: [nrd-525-535] Rapid switching on &off NRD 525

Yahoo group: nrd-525-535
Date: 2008-01-09 06:16:49 UTC
From: Frank DeMarco
Topic: 1599 Message: 1605

Has the timer been set? Check the timer display.
73's Frank
--- centuryraptor <ray@...>
wrote:

> Hello to all I am new to the group and I am in the
> process of buying a
> 525 but before I do the fault below needs to be
> rectified.
> Has any one any idea of the cause for the following
> problem, and
> possible rectification.
> After the receiver has been on for a while time
> varies it suddenly
> starts to switch on and off by itself.
>
> Regards
> Ray
>
>
>

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1606. Re: [nrd-525-535] Cheching of NB and Preselector?

Yahoo group: nrd-525-535
Date: 2008-01-09 06:19:35 UTC
From: Frank DeMarco
Topic: 1601 Message: 1606

The noiseblanker is essentially useless. I don't know
what you mean by the "tracking preselector" 73's,
Frank
--- kpt_haddock2001 <dark_star@...> wrote:

> Hi all
> I would like to check if the Noiseblanker and the
> tracking preselector of my NRD 525 are working
> correctly.
> Is there a way to do this?
> Regards
> Andy
>
>
>

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1607. Re: [nrd-525-535] Cheching of NB and Preselector?

Yahoo group: nrd-525-535
Date: 2008-01-09 12:30:34 UTC
From: gandalfg8@aol.com
Topic: 1601 Message: 1607

In a message dated 09/01/2008 06:19:54 GMT Standard Time,
frankdenet@... writes:

I don't know
what you mean by the "tracking preselector"

The input bandpass filters in the RF stage are tuned by varactor diodes,
with varactor voltage controlled by the microprocessor such that filter
frequency tracks the frequency to which the receiver is tuned.

Most filters also have relay switching of transformer windings and
capacitors to allow coverage of two "bands" with one filter.

The filters could be checked with a spectrum analyser and tracking
generator, another form of swept source and calibrated detector, or even a spot
frequency source and calibrated detector if you've got the time, but it's not an
area I'd want to start playing around in just for the sake of it.

regards

Nigel
GM8PZR

1608. Re: [nrd-525-535] Rapid switching on &off NRD 525

Yahoo group: nrd-525-535
Date: 2008-01-09 12:46:08 UTC
From: Daviesruby@aol.com
Topic: 1599 Message: 1608

Hi Guys it happens to mine ! It stops for a while if the fuse is tightened.

Mark

Anglesey

-----Original Message-----
From: Patrick Garner <patrickgarner@...>
To: nrd-525-535@yahoogroups.com
Sent: Tue, 8 Jan 2008 20:07
Subject: Re: [nrd-525-535] Rapid switching on &off NRD 525

Ray, I've owned a 525 for years & never had (nor heard of) that problem. You might want to call a tech at Universal Radio.

PG

On Jan 8, 2008, at 2:42 PM, centuryraptor wrote:

Hello to all I am new to the group and I am in the process of buying a?
525 but before I do the fault below needs to be rectified.
Has any one any idea of the cause for the following problem, and?
possible rectification.
After the receiver has been on for a while time varies it suddenly?
starts to switch on and off by itself.

Regards
Ray

Patrick Garner

109 Whitney St

Northboro, MA 01532

_____
AOL's new homepage has launched. Take a tour at http://info.aol.co.uk/homepage/ now.

1609. Re: [nrd-525-535] Re: Rapid switching on &off NRD 525

Yahoo group: nrd-525-535
Date: 2008-01-09 13:42:14 UTC
From: Ray Browell
Topic: 1599 Message: 1609

Hi Tom

Would that be the plug fuse or the internal one.

Regards
Ray
----- Original Message -----
From: ortfmic
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, January 08, 2008 8:40 PM
Subject: [nrd-525-535] Re: Rapid switching on &off NRD 525

Ray,

My 525 did that too. Somewhere, somehow, I found a Google hit on the
topic and that someone suggested removing and re-installing the fuse,
or putting in a new fuse. I'm not sure it fixed my radio, but I took
out the fuse, turned it around, and put it back it and my radio hasn't
failed since; but, I'm waiting for the return of the summer heat to
see if it's a cooling issue.

Regards,
Tom

--- In nrd-525-535@yahoogroups.com, "centuryraptor" <ray@...> wrote:
>
> Hello to all I am new to the group and I am in the process of buying a
> 525 but before I do the fault below needs to be rectified.
> Has any one any idea of the cause for the following problem, and
> possible rectification.
> After the receiver has been on for a while time varies it suddenly
> starts to switch on and off by itself.
>
> Regards
> Ray
>

1610. Re: Rapid switching on &off NRD 525

Yahoo group: nrd-525-535
Date: 2008-01-09 16:28:28 UTC
From: ortfmic
Topic: 1599 Message: 1610

Ray,

It's the plug fuse. Also, caladonia5560 mentioned the power cord or
socket might be suspect and I think it's worth looking into.

Regards,
Tom

--- In nrd-525-535@yahoogroups.com, "Ray Browell" <ray@...> wrote:
>
> Hi Tom
>
> Would that be the plug fuse or the internal one.
>
> Regards
> Ray
> ----- Original Message -----
> From: ortfmic
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, January 08, 2008 8:40 PM
> Subject: [nrd-525-535] Re: Rapid switching on &off NRD 525
>
>
> Ray,
>
> My 525 did that too. Somewhere, somehow, I found a Google hit on the
> topic and that someone suggested removing and re-installing the fuse,
> or putting in a new fuse. I'm not sure it fixed my radio, but I took
> out the fuse, turned it around, and put it back it and my radio hasn't
> failed since; but, I'm waiting for the return of the summer heat to
> see if it's a cooling issue.
>
> Regards,
> Tom
>
> --- In nrd-525-535@yahoogroups.com, "centuryraptor" <ray@> wrote:
> >
> > Hello to all I am new to the group and I am in the process of
buying a
> > 525 but before I do the fault below needs to be rectified.
> > Has any one any idea of the cause for the following problem, and
> > possible rectification.
> > After the receiver has been on for a while time varies it suddenly
> > starts to switch on and off by itself.
> >
> > Regards

> > Ray
> >
>

1611. Re: [nrd-525-535] Cheching of NB and Preselector?

Yahoo group: nrd-525-535
Date: 2008-01-09 21:25:06 UTC
From: Andreas Bucher
Topic: 1601 Message: 1611

Hi
thanks for the answer.
The 525 has a tracking preselection for a great strong signal
handling. Its kind of
an automatic preselector. You can switch it off with "mem + 4". Im
not sure if this
preselection works well on my 525, because I never hear any
difference between
"pass mode" and preselector mode.
Regards
Andy

Am 09.01.2008 um 07:19 schrieb Frank DeMarco:

> The noiseblanker is essentially useless. I don't know
> what you mean by the "tracking preselector" 73's,
> Frank
> --- kpt_haddock2001 <dark_star@...> wrote:
>
> > Hi all
> > I would like to check if the Noiseblanker and the
> > tracking preselector of my NRD 525 are working
> > correctly.
> > Is there a way to do this?
> > Regards
> > Andy
> >
> >
> >
>
> _____
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> mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ
>
>
>

1612. Re: [nrd-525-535] Cheching of NB and Preselector?

Yahoo group: nrd-525-535
Date: 2008-01-09 21:44:26 UTC
From: kkyahoo
Topic: 1601 Message: 1612

Andy,

The noise blanker is actually very effective so long as the pulses that you are trying to get rid of are narrow.

You will not notice much difference if you operate straight thru vs thru the preselector, but that does not mean that it is not working. If you have some very strong local MF stations try to work out where the 3rd order intermods would fall, then compare with the preselector in or out. Otherwise you will need some test gear to check the preselector. Never heard of a preselector failure.

You could disconnect the varactor preselector tuning line from the processor and drive it manually from an external voltage, that would definitely show a peak as you altered the tuning voltage if everything was ok.

Kevin

----- Original Message -----
From: Andreas Bucher
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, January 09, 2008 9:25 PM
Subject: Re: [nrd-525-535] Cheching of NB and Preselector?

Hi

thanks for the answer.
The 525 has a tracking preselection for a great strong signal handling. Its kind of an automatic preselector. You can switch it off with "mem + 4". Im not sure if this preselection works well on my 525, because I never hear any difference between "pass mode" and preselector mode.
Regards
Andy

Am 09.01.2008 um 07:19 schrieb Frank DeMarco:

The noiseblanker is essentially useless. I don't know
what you mean by the "tracking preselector" 73's,
Frank
--- kpt_haddock2001 <dark_star@...> wrote:

> Hi all
> I would like to check if the Noiseblanker and the
> tracking preselector of my NRD 525 are working
> correctly.
> Is there a way to do this?
> Regards
> Andy

>
>
>

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1613. Questions Concerning Kevin's R221 and R87 Mod

Yahoo group: nrd-525-535
Date: 2008-01-09 23:23:41 UTC
From: John Dokulil
Topic: 1613 Message: 1613

This is to Kevin or even Nigel:

I read your email to Nigel concerning "the carrier port of the detector was not being driven hard enough on the 535", and your suggestions on how to correct this. I would like to do what you've suggested and change R87 to 6.8k, and removed R221.

But before I do so I would like to ask you 2 questions if I may... I know this may sound stupid, but I have learned that one statement can easily be seen correctly several ways.

1 - The R87 resistor... What kind of resistor is best, or will any 6.8k do?

2 - When you say you removed R221...
- Are you saying you removed R221 and left the return path to the transistor shorted open or
- Did you replace the R221 with a bridge wire so the return path to the transistor is still present but now has no resistor in the circuit path?

John Dokulil
WDX6GMX

1614. Re: [nrd-525-535] Checking of NB and Preselector?

Yahoo group: nrd-525-535
Date: 2008-01-09 23:45:14 UTC
From: g3vvt@aol.com
Topic: 1614 Message: 1614

In a message dated 09/01/08 10:49:16 GMT Standard Time,
nrd-525-535@yahoogroups.com writes:

Hi all
I would like to check if the Noiseblanker and the
tracking preselector of my NRD 525 are working correctly.
Is there a way to do this?
Regards
Andy

Take it you mean the tracking of the RX bandpass filters to the frequency
being received?

There is a method described in the NRD-525 Service Manual on page 2-9 of
checking the LF range RF Tune voltages with a voltmeter. There is reference to
this again on all bands on page 2-29 to 2-30 at the CFL-205 HF tune unit using
a tracking scope which in our terms I think will be a tracking generator and
spectrum analyzer or possibly a wobbulator + RF detector. Most receivers use
bandpass filters before the RF amp if fitted or mixer, where the bandpass
selected is determined by the frequency synthesiser system switching in the
needed bandpass filters. The JRC JST-135 which is very similar to the NRD-525 in
the RX section does use varicap tuned RF tracking in the bandpass filters to
improve the removal of unwanted signals. Looking at the block diagram for the
NRD-525 shows a similar RF tracking voltage being applied to all the RF
bandpass filters.

All you can really do to check assuming you do not have access to a tracking
generator and spectrum analyzer is to check the RF sensitivity at selected
spot frequencies with a signal generator of known accuracy in terms of output
as well as frequency.

Adjustment of the noise blanker is quoted on pages 2-26, 2-27, 2-28. The JRC
method is to use a rapid keyed RF signal that is on for 20ms and off for
100ms. Other methods of generating the rapid rise time noise pulses could be to
use an old unsuppressed electric drill, switch a light on and off or similar,
with the RX antenna close to the AC power feed. Automobile ignition
interference also is very good for testing when it can be found. The problem is that
some types of noise blanker only respond to certain types of impulsive noise.

Have an Elecraft K2 here that I built from a kit and was convinced the noise
blanker was not working. Took 6 months before the correct impulsive noise
was heard from an automobile source, but found that it was killed stone dead.
The JRC noise blanker I believe are similar in that they are choosy which type
of noise they remove. One of the problems with noise blanking if it responds
to longer pulses of noise it can remove these at the expense of severe
distortion of the wanted signal.

Regards,
Bob, G3VVT

1615. Re: [nrd-525-535] Re: Rapid switching on &off NRD 525

Yahoo group: nrd-525-535
Date: 2008-01-10 14:26:42 UTC
From: Ray Browell
Topic: 1599 Message: 1615

Tom

That seems to have sorted it thanks to all who replied for your assistance.

Ray
----- Original Message -----
From: ortfmic
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, January 09, 2008 4:28 PM
Subject: [nrd-525-535] Re: Rapid switching on &off NRD 525

Ray,

It's the plug fuse. Also, caladonia5560 mentioned the power cord or
socket might be suspect and I think it's worth looking into.

Regards,
Tom

--- In nrd-525-535@yahoogroups.com, "Ray Browell" <ray@...> wrote:
>
> Hi Tom
>
> Would that be the plug fuse or the internal one.
>
> Regards
> Ray
> ----- Original Message -----
> From: ortfmic
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, January 08, 2008 8:40 PM
> Subject: [nrd-525-535] Re: Rapid switching on &off NRD 525
>
>
> Ray,
>
> My 525 did that too. Somewhere, somehow, I found a Google hit on the
> topic and that someone suggested removing and re-installing the fuse,
> or putting in a new fuse. I'm not sure it fixed my radio, but I took
> out the fuse, turned it around, and put it back it and my radio hasn't
> failed since; but, I'm waiting for the return of the summer heat to
> see if it's a cooling issue.
>
> Regards,
> Tom
>

> --- In nrd-525-535@yahoogroups.com, "centuryraptor" <ray@> wrote:
> >
> > Hello to all I am new to the group and I am in the process of
buying a
> > 525 but before I do the fault below needs to be rectified.
> > Has any one any idea of the cause for the following problem, and
> > possible rectification.
> > After the receiver has been on for a while time varies it suddenly
> > starts to switch on and off by itself.
> >
> > Regards
> > Ray
> >
>

1616. Re: [nrd-525-535] Questions Concerning Kevin's R221 and R87 Mod

Yahoo group: nrd-525-535
Date: 2008-01-11 01:02:55 UTC
From: gandalfg8@aol.com
Topic: 1613 Message: 1616

In a message dated 09/01/2008 23:25:43 GMT Standard Time,
jdokulil@usamedia.tv writes:

I read your email to Nigel concerning “the carrier port of the detector was not being driven hard enough on the 535”, and your suggestions on how to correct this. I would like to do what you’ve suggested and change R87 to 6.8k, and removed R221.

But before I do so I would like to ask you 2 questions if I may... I know this may sound stupid, but I have learned that one statement can easily be seen correctly several ways.

1 - The R87 resistor... What kind of resistor is best, or will any 6.8k do?

2 - When you say you removed R221...
- Are you saying you removed R221 and left the return path to the transistor shorted open or
- Did you replace the R221 with a bridge wire so the return path to the transistor is still present but now has no resistor in the circuit path?

Hi John

I haven't tried this mod, just archived Kevin's comments for now as my 535 is still in storage, but this is my interpretation.

The intention is to increase the output from TR17 and this is to be achieved by reducing R87 to increase the base drive into TR17, and by removing the 10K feedback resistor R221 between TR17 base and collector.

In answer to your questions....

1 - Without looking at the PCB I'm not sure if R87 will be a surface mount component or have leads but, looking at a photo of a spare IF board I bought a while ago, I would say it's likely to be surface mount. Unless you have experience of working on surface mount PCBs, and have spare surface mount components, I would recommend following Kevin's first suggestion of bridging R87 with an 8k2 resistor, as this avoids the need for removing the existing resistor and a small wire ended resistor can be used. It's also more easy to reverse if needs be.
8K2 in parallel with the existing 39K gives a value just under 6k8 so no problem there.
The type isn't critical, carbon or metal film should be fine, but I would suggest keeping it reasonably small to allow for an easy fit, say 1/4 watt max.

2 - R221 will need to be physically removed. If it's linked out, or removed and replaced with a wire link, this will short together the base and collector of TR17 and that is NOT a good idea.

Obviously if you decide to go ahead it's at your own risk.
Having said that, I have worked on the 535 boards before, mods to the ECSS board for example, and didn't find the surface mount parts too much of a problem, but that was around 15 years ago when my eyesite was better and my hands a bit more steady:-)

regards

Nigel
GM8PZR

1617. Re: [nrd-525-535] Questions Concerning Kevin's R221 and R87 Mod

Yahoo group: nrd-525-535
Date: 2008-01-11 01:50:14 UTC
From: John Dokulil
Topic: 1613 Message: 1617

Nigel:

Thank You for the reply!

I've often had thoughts about increasing the output of TR17. So when I read Kevin's post to you, and he stated he did the mod and it worked, I figured my suspicions were right. But when he stated that he removed R221... that starting ringing bells because shorting the base and collector together is usually NOT a good thing. True... I've lost most of what I once knew about Radio Theory, but that definitely rang something.

To me the 6.8k mod for R87 sounds about right (or a tad high), and hopefully shouldn't over drive TR17. But also to keep TR17 balanced (probably balanced it a bad way to put it) something should be in the R221 position. So if R87 (39k 1/8w), is to be dropped to a 6.8k 1/8w, that should make R221 (10k 1/8w) to be replaced by something between a 2k 1/8w to a 4k 1/8w. Does this make since to you? Like I said... my Radio Theory is definitely NOT what it use to be.

I would appreciate your thoughts on the value needed for R221, because I'd rather get it right the first time. And as for me... If I can make this 535Db sound any better... I string memory doughnut cores to do it.

My Thanks

John Dokulil
WDX6GMX

Hi John

I haven't tried this mod, just archived Kevin's comments for now as my 535 is still in storage, but this is my interpretation.

The intention is to increase the output from TR17 and this is to be achieved by reducing R87 to increase the base drive into TR17, and by removing the 10K feedback resistor R221 between TR17 base and collector.

In answer to your questions....

1 - Without looking at the PCB I'm not sure if R87 will be a surface mount component or have leads but, looking at a photo of a spare IF board I bought a while ago, I would say it's likely to be surface mount. Unless you have experience of working on surface mount PCBs, and have spare surface mount components, I would recommend following Kevin's first suggestion of bridging R87 with an 8k2 resistor, as this avoids the need for removing the existing resistor and a small wire ended resistor can be used. It's also more easy to reverse if needs be.
8K2 in parallel with the existing 39K gives a value just under 6k8 so no problem there.
The type isn't critical, carbon or metal film should be fine, but I would suggest keeping it reasonably small to allow for an easy fit, say 1/4 watt max.

2 - R221 will need to be physically removed. If it's linked out, or removed and replaced with a wire link, this will short together the base and collector of TR17 and that is NOT a good idea.

Obviously if you decide to go ahead it's at your own risk.
Having said that, I have worked on the 535 boards before, mods to the ECSS board for example, and didn't find the surface mount parts too much of a problem, but that was around 15 years ago when my eyesite was better and my hands a bit more steady:-)

regards

Nigel
GM8PZR

1618. Re: [nrd-525-535] Questions Concerning Kevin's R221 and R87 Mod

Yahoo group: nrd-525-535
Date: 2008-01-11 03:53:18 UTC
From: gandalfg8@aol.com
Topic: 1613 Message: 1618

In a message dated 11/01/2008 01:52:41 GMT Standard Time,
jdokulil@... writes:

Thank You for the reply!

I've often had thoughts about increasing the output of TR17. So when I read Kevin's post to you, and he stated he did the mod and it worked, I figured my suspicions were right. But when he stated that he removed R221... that starting ringing bells because shorting the base and collector together is usually NOT a good thing. True... I've lost most of what I once knew about Radio Theory, but that definitely rang something.

To me the 6.8k mod for R87 sounds about right (or a tad high), and hopefully shouldn't over drive TR17. But also to keep TR17 balanced (probably balanced it a bad way to put it) something should be in the R221 position. So if R87 (39k 1/8w), is to be dropped to a 6.8k 1/8w, that should make R221 (10k 1/8w) to be replaced by something between a 2k 1/8w to a 4k 1/8w. Does this make since to you? Like I said... my Radio Theory is definitely NOT what it use to be.

I would appreciate your thoughts on the value needed for R221, because I'd rather get it right the first time. And as for me... If I can make this 535Db sound any better... I string memory doughnut cores to do it.

Hi John

I think it's reasonable to assume that "removing" the resistor is generally going to imply leaving it open circuit rather than replacing it with a short but, as is often the case, things might not be quite as straightforward as they seem and removing R221 raises further questions.

Reducing R87 to increase the base drive shouldn't be a problem, although we do need to balance Kevin's requirement for "hard limiting" against driving TR17 so far into saturation that it never recovers.
Let's just assume for now that 6k8 is ok in that respect and turn our attention to R221.

Whilst R221 isn't essential for the operation of the common emitter amplifier formed by TR17 and associated components it is there to introduce negative feedback from the collector of TR17 to the base and this has the effect of reducing the gain of that stage. The lower the value of R221 the greater the feedback and hence the greater the gain reduction.
From this you can see that you wouldn't want to reduce the value of R221 in proportion to the reduction in R87 as that would reduce the gain still further and defeat what you might hope to achieve by increasing the base drive.

This is why Kevin has suggested removing R221, as this will totally remove the negative feedback and maximise the gain of TR17.
At the very least you would be looking to increase the value of R221, and hence reduce the feedback, rather than decrease the value.
However, and this is the not so straightforward bit, introducing negative feedback via R221 doesn't just reduce the stage gain, it also makes the gain less dependent on individual transistor characteristics, and therefore more predictable, and it reduces distortion in that stage.

You've probably noticed that R221 is the highest numbered resistor on the IF Amp schematic even though it's situated amongst the R80s and 90s.
That tells me it was added at the end of the design process, and there has to be a reason for that.
Was it added to make the gain of TR17 more stable? Was it added to reduce distortion?
I don't know, but I doubt it was added without good reason.

So that's the dilemma.
I have no arguments with Kevin's logic that reducing R87 and removing R221 will increase the output from the TR17 common emitter stage, but I do wonder why R221 was introduced in the first place.
Kevin certainly saw a benefit, but are results going to vary from set to set, or will sets used under really strong signal situations find themselves overloading?
Again I don't know.
It definitely seems worth trying but I think I'd want to make some very careful "before and after" performance checks if I was to try it on my receiver.

"Making your 535Db sound any better" might be a different issue and, of course, you'd need to ask yourself if you're actually unhappy with how it sounds now, or just hoping it could be even better?
That might sound daft but I've heard as many folks for as against on the audio from both the 525 and 535.
Some say both are crap, some say both are fine, which either means some folks have cloth ears or that not all JRCs are created equal:-)

In the early 90s, Lowe Electronics in the UK were the approved JRC dealers and offered their own performance upgrade for the 535.
This included, amongst other things, an ECSS mod, an extra filter, and an improved audio output stage.
Along with fitting the improved audio amp their mod also involved beefing up the capacitors on the amp supply rail as the supply as "supplied", please excuse crap pun:-), wasn't able to hold up on volume peaks, so that could be another problem.

And another problem here is that it's nearly 0400 and perhaps time to quit:-)

regards

Nigel
GM8PZR

1619. Re: [nrd-525-535] Questions Concerning Kevin's R221 and R87 Mod

Yahoo group: nrd-525-535
Date: 2008-01-11 03:55:06 UTC
From: John Dokulil
Topic: 1613 Message: 1619

Nigel:

I finely got hold of my brother, (retired engineer) who after looking at the circuit I emailed him... stated the following...

- Without knowing TR17’s processing curve, there is no way of knowing if changing R87 would help or make thing worse. It may clean up some noise but could also cause wave distortion due to over driving TR17’s base parameters.

- Changing R221 in any way is a BAD idea, because it’s feeding the base of TR17 with processing voltage. The wrong voltage can cause a multiple of problems, including blowing TR17. Remember JRC put it there because they know what TR17 needs to do it’s job. And looking at other resistors in this position on other transistors in the aria, R87 is one of the lowest resistors found.

- He suggested that it did look feasible that by amplifying the signal processing of TR17 by gave it more to work with and pass on, would theoretically give you a better signal (up to the point of overdriving TR17). Try bridging R87 with other resistor values to cut the resistance down in 10% or 20% steps and leave R221 ALONE. ALSO... don’t cut the resistance of R87 down by more than half it’s original value.

It’s amazing all the things one forgets. 10 years ago I probably would have said the same. Anyway... I’m going to give a try and reduce R87’s resistance and see if it helps any. If it works, I’ll let you know.

Regards

John Dokulil
WDX6GMX

1620. Re: [nrd-525-535] Questions Concerning Kevin's R221 and R87 Mod

Yahoo group: nrd-525-535
Date: 2008-01-11 08:37:58 UTC
From: kkyahoo
Topic: 1613 Message: 1620

John, Nigel

The mods that I suggested be made to the 535 simply make the circuit the same as in the 525, so don't worry about transistors blowing up!

I bridged R87 with a 0.6W metal film 8.2k resistor just because it was a convenient of getting to 6.8k to ape the 525 circuit and it was easily reversible. Yes remove R221 completely

The circuit around tr17 is interesting. The effect of doing these two mods is to increase the ac gain and to reduce tr17's collector voltage. This allows tr17 to be saturated and limited when driven by the IF signal. I recall the collector voltage was around 2 ish volts, which is not what most people would expect to see. The output from tr17 is supposed to be a square wave so that the detector can be clocked at the carrier frequency free from any amplitude variations.

The most bang for your buck in making the 535 and 525 sound better is to change the filters in the 455k IF. If you have an early version of the 535 it will have a CLFD6 ceramic filter in the AM position, these sound fine. The CLFD6S is a disaster, it's way too narrow.

Kevin

----- Original Message -----
From: John Dokulil
To: nrd-525-535@yahoogroups.com
Sent: Friday, January 11, 2008 3:55 AM
Subject: Re: [nrd-525-535] Questions Concerning Kevin's R221 and R87 Mod

☐

Nigel:

I finely got hold of my brother, (retired engineer) who after looking at the circuit I emailed him... stated the following...

- Without knowing TR17’s processing curve, there is no way of knowing if changing R87 would help or make thing worse. It may clean up some noise but could also cause wave distortion due to over driving TR17’s base parameters.

- Changing R221 in any way is a BAD idea, because it’s feeding the base of TR17 with processing voltage. The wrong voltage can cause a multiple of problems, including blowing TR17. Remember JRC put it there because they know what TR17 needs to do it’s job. And looking at other resistors in this position on other transistors in the aria, R87 is one of the lowest resistors found.

- He suggested that it did look feasible that by amplifying the signal processing of TR17 by gave it more to work with and pass on, would theoretically give you a better signal (up to the point of overdriving TR17). Try bridging R87 with other resistor values to cut the

resistance down in 10% or 20% steps and leave R221 ALONE. ALSO... don’t cut the resistance of R87 down by more than half it’s original value.

It’s amazing all the things one forgets. 10 years ago I probably would have said the same. Anyway... I’m going to give a try and reduce R87’s resistance and see if it helps any. If it works, I’ll let you know.

Regards

John Dokulil
WDX6GMX

1621. Re: [nrd-525-535] Questions Concerning Kevin's R221 and R87 Mod

Yahoo group: nrd-525-535
Date: 2008-01-11 10:57:32 UTC
From: gandalfg8@aol.com
Topic: 1613 Message: 1621

In a message dated 11/01/2008 08:38:23 GMT Standard Time, kkyahoo@...
writes:

The mods that I suggested be made to the 535 simply make the circuit the
same as in the 525, so don't worry about transistors blowing up!

Hi Kevin
I didn't realise you were just matching the circuit in the 525, if I had it
would saved me some time looking at the 535 schematic and I could have got to
bed earlier:-)

I bridged R87 with a 0.6W metal film 8.2k resistor just because it was a
convenient of getting to 6.8k to ape the 525 circuit and it was easily
reversible. Yes remove R221 completely

This I'd agree with and is what I'd concluded last night but I'm still
intrigued as to why JRC thought it necessary to make the changes, especially the
later addition of R221.

The circuit around tr17 is interesting. The effect of doing these two mods
is to increase the ac gain and to reduce tr17's collector voltage. This allows
tr17 to be saturated and limited when driven by the IF signal. I recall the
collector voltage was around 2 ish volts, which is not what most people would
expect to see. The output from tr17 is supposed to be a square wave so that
the detector can be clocked at the carrier frequency free from any amplitude
variations.

Yup, that makes sense but I still can't help asking that question "why?",
when it comes to the original changes.
I can't see any obvious reason why the circuit should have been changed from
that of the 525 and, again as I said last night, couldn't fault your logic
anyway, even withought being aware it had changed, but someone in JRC
certainly thought there was a good reason.
So I'd still want to check carefully if doing it myself that there weren't
any unexpected side effects, even if I can't see on paper why there should
be:-)

The most bang for your buck in making the 535 and 525 sound better is to
change the filters in the 455k IF. If you have an early version of the 535 it
will have a CLFD6 ceramic filter in the AM position, these sound fine. The
CLFD6S is a disaster, it's way too narrow.

It's been quite a while since mine has seen the light of day, I can hardly remember what it sounds like let alone what AM filter is in it but I'll check that when it comes out of storage.

I implemented the Lowe mods on it when it was still virtually new, just because I could rather than feeling a dire need, and probably more for the extra crystal filter and ECSS mod than anything else. I wasn't over happy with their audio mod and always intended to come back to it later, but that was more due to the physical implementation than being unhappy with the sound.

When I was using it I didn't have a very good antenna system, so probably never pushed it too hard, but was never unhappy with the results.

Hopefully it shouldn't bee too long now before it surfaces again:-)

regards

Nigel
GM8PZR

1622. Re: Questions Concerning Kevin's R221 and R87 Mod

Yahoo group: nrd-525-535
Date: 2008-01-11 11:28:15 UTC
From: Nigel Clarke
Topic: 1613 Message: 1622

--- In nrd-525-535@yahoogroups.com, "John Dokulil" <jdokulil@...>
wrote:
>
>
> Nigel:
>
> I finely got hold of my brother, (retired engineer) who after
looking at the circuit I emailed him... stated the following...
>
> - Without knowing TR17â□□s processing curve, there is no way of
knowing if changing R87 would help or make thing worse. It may clean
up some noise but could also cause wave distortion due to over
driving TR17â□□s base parameters.

Hi John
I didn't originally receive this one from yahoo, lovely mail
forwarding system:-), but spotted it at the foot of Kevin's reply so
have come back to it.
This probably illustrates the dangers of taking something out of
context and attempting an analysis without having the full picture.
If you accept that TR17 is supposed to be limiting then I'm afraid
that most of your brother's comments don't apply.

> - Changing R221 in any way is a BAD idea, because itâ□□s feeding
the base of TR17 with processing voltage. The wrong voltage can
cause a multiple of problems, including blowing TR17. Remember JRC
put it there because they know what TR17 needs to do itâ□□s job. And
looking at other resistors in this position on other transistors in
the aria, R87 is one of the lowest resistors found.

You would only risk damage to TR17 if replacing R221 with a shorting
link or very low resistor, not by removing it.

>
> - He suggested that it did look feasible that by amplifying the
signal processing of TR17 by gave it more to work with and pass on,
would theoretically give you a better signal (up to the point of
overdriving TR17). Try bridging R87 with other resistor values to
cut the resistance down in 10% or 20% steps and leave R221 ALONE.
ALSO... donâ□□t cut the resistance of R87 down by more than half
itâ□□s original value.

Again, he might change that suggestion if he was aware that TR17

isn't just being used as a straight common emitter amp, although
that's one of the things that's still puzzling me. Why use a common
emitter stage, with bypassed emitter resistor and base collector
feedback, if your aim is to hard limit the input signal.

>
> Itâ□□s amazing all the things one forgets. 10 years ago I probably
would have said the same. Anyway... Iâ□□m going to give a try and
reduce R87â□□s resistance and see if it helps any. If it works,
Iâ□□ll let you know.

I really don't think you'd have any problem going straight to Kevin's
suggestion of an 8k2 shunt on R87 and removing R221, it's certainly
not going to cause any electrical damage, and no physical damage
either if you're careful.
But I'm still going to keep an open mind on what exactly might be
right for my set until I try it:-)

However, there also exists that very wise bit of advice,.."If it
ain't broke, don't fix it" !!
As I asked before, are you sure you have a problem that needs fixing?

regards

Nigel
GM8PZR

1623. Re: [nrd-525-535] Questions Concerning Kevin's R221 and R87 Mod

Yahoo group: nrd-525-535
Date: 2008-01-11 11:47:36 UTC
From: kkyahoo
Topic: 1613 Message: 1623

Nigel,

Beats me why they added the R221. Perhaps the engineer thought the a square wave coming out of tr17 was just not right. On SSB the feed to the detector is probably a sine wave so he reasoned that tr17 should offer a similar signal to the detector.
I have still got the Lowe Mods sheet you sent me nearly 10 years ago! Must do the ECSS mods someday,

Kevin
----- Original Message -----
From: gandalfg8@...
To: nrd-525-535@yahoogroups.com
Sent: Friday, January 11, 2008 10:57 AM
Subject: Re: [nrd-525-535] Questions Concerning Kevin's R221 and R87 Mod

In a message dated 11/01/2008 08:38:23 GMT Standard Time, kkyahoo@... writes:
The mods that I suggested be made to the 535 simply make the circuit the same as in the 525, so don't worry about transistors blowing up!

Hi Kevin
I didn't realise you were just matching the circuit in the 525, if I had it would saved me some time looking at the 535 schematic and I could have got to bed earlier:-)

I bridged R87 with a 0.6W metal film 8.2k resistor just because it was a convenient of getting to 6.8k to ape the 525 circuit and it was easily reversible. Yes remove R221 completely
---
This I'd agree with and is what I'd concluded last night but I'm still intrigued as to why JRC thought it necessary to make the changes, especially the later addition of R221.

The circuit around tr17 is interesting. The effect of doing these two mods is to increase the ac gain and to reduce tr17's collector voltage. This allows tr17 to be saturated and limited when driven by the IF signal. I recall the collector voltage was around 2 ish volts, which is not what most people would expect to see. The output from tr17 is supposed to be a square wave so that the detector can be clocked at the carrier frequency free from any amplitude variations.

Yup, that makes sense but I still can't help asking that question "why?", when it comes to the original changes.
I can't see any obvious reason why the circuit should have been changed from that of the 525 and, again as I said last night, couldn't fault your logic anyway, even withought being aware it had changed, but someone in JRC certainly thought there was a good reason.
So I'd still want to check carefully if doing it myself that there weren't any unexpected side effects, even if I can't see on paper why there should be:-)

The most bang for your buck in making the 535 and 525 sound better is to change the filters in the 455k IF. If you have an early version of the 535 it will have a CLFD6 ceramic filter in the AM position, these sound fine. The CLFD6S is a disaster, it's way too narrow.

It's been quite a while since mine has seen the light of day, I can hardly remember what it sounds like let alone what AM filter is in it but I'll check that when it comes out of storage.

I implemented the Lowe mods on it when it was still virtually new, just because I could rather than feeling a dire need, and probably more for the extra crystal filter and ECSS mod than anything else. I wasn't over happy with their audio mod and always intended to come back to it later, but that was more due to the physical implementation than being unhappy with the sound.

When I was using it I didn't have a very good antenna system, so probably never pushed it too hard, but was never unhappy with the results.

Hopefully it shouldn't bee too long now before it surfaces again:-)

regards

Nigel
GM8PZR

1624. Re: [nrd-525-535] Questions Concerning Kevin's R221 and R87 Mod

Yahoo group: nrd-525-535
Date: 2008-01-11 13:25:01 UTC
From: gandalfg8@aol.com
Topic: 1613 Message: 1624

In a message dated 11/01/2008 11:48:03 GMT Standard Time, kkyahoo@...
writes:

Beats me why they added the R221. Perhaps the engineer thought the a square
wave coming out of tr17 was just not right. On SSB the feed to the detector
is probably a sine wave so he reasoned that tr17 should offer a similar signal
to the detector.

It certainly does seem a bit odd, especially if applying the "if it ain't
broke don't fix it" rule again.

I have still got the Lowe Mods sheet you sent me nearly 10 years ago! Must
do the ECSS mods someday,

Oh dear, was it really that long ago??
Still so much to do......
and time rushing by like a greyhound on steroids:-)

regards

Nigel
GM8PZR

1625. Re: [nrd-525-535] Checking of NB and Preselector?

Yahoo group: nrd-525-535
Date: 2008-01-11 17:23:10 UTC
From: kkyahoo
Topic: 1614 Message: 1625

Hi to everyone,

The simplest way to check if the preselector is working is to toggle between pass and normal when tuned to an S9 signal. If you see a big drop in the S meter when in normal then it is likely that the preselector is off tune. This presupposes that the pass filter which we are using as a reference is ok of course! Try this on several frequencies as the preselector operates in different bands.

The least amount of test gear you can use to check the preselector is a scope and a sig gen. Select a frequency on the sig gen, connect its output to the 525 antenna input and monitor the signal at test pin 1 on the HF tune board using the scope. Tune the main knob and the peak on the scope should occur when the frequency on your 525 display equals the freq of the signal from the gen. Again try this at several different frequencies.

My 525 is now 20 years old so I decided to check my preselector in the manner described by Bob using a spec analyser and tracking generator.
It was close but a bit out, so I checked the tuning voltages coming out of the CPU board on test pin 3. These should be 5.74V at 400kHz and 20V at 799kHz. Both should be plus minus 0.1V. Mine were on the low side so that the peak of the preselector was also too low.

Kevin
G8LYV

----- Original Message -----
From: g3vvt@...
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, January 09, 2008 11:45 PM
Subject: Re: [nrd-525-535] Checking of NB and Preselector?

In a message dated 09/01/08 10:49:16 GMT Standard Time, nrd-525-535@yahoogroups.com writes:
Hi all
I would like to check if the Noiseblanker and the
tracking preselector of my NRD 525 are working correctly.
Is there a way to do this?
Regards
Andy

Take it you mean the tracking of the RX bandpass filters to the frequency being received?

There is a method described in the NRD-525 Service Manual on page 2-9 of checking the LF range RF Tune voltages with a voltmeter. There is reference to this again on all bands on page 2-29 to 2-30 at the CFL-205 HF tune unit using a tracking scope which in our terms I think will be a tracking generator and spectrum analyzer or possibly a wobbulator + RF detector. Most receivers use bandpass filters before the RF amp if fitted or mixer, where the bandpass selected is determined by the frequency synthesiser system switching in the needed bandpass filters. The JRC JST-135 which is very similar to the NRD-525 in the RX

section does use varicap tuned RF tracking in the bandpass filters to improve the removal of unwanted signals. Looking at the block diagram for the NRD-525 shows a similar RF tracking voltage being applied to all the RF bandpass filters.

All you can really do to check assuming you do not have access to a tracking generator and spectrum analyzer is to check the RF sensitivity at selected spot frequencies with a signal generator of known accuracy in terms of output as well as frequency.

Adjustment of the noise blanker is quoted on pages 2-26, 2-27, 2-28. The JRC method is to use a rapid keyed RF signal that is on for 20ms and off for 100ms. Other methods of generating the rapid rise time noise pulses could be to use an old unsuppressed electric drill, switch a light on and off or similar, with the RX antenna close to the AC power feed. Automobile ignition interference also is very good for testing when it can be found. The problem is that some types of noise blanker only respond to certain types of impulsive noise.

Have an Elecraft K2 here that I built from a kit and was convinced the noise blanker was not working. Took 6 months before the correct impulsive noise was heard from an automobile source, but found that it was killed stone dead. The JRC noise blanker I believe are similar in that they are choosy which type of noise they remove. One of the problems with noise blanking if it responds to longer pulses of noise it can remove these at the expense of severe distortion of the wanted signal.

Regards,
Bob, G3VVT

1626. IF Filter Question for 535D

Yahoo group: nrd-525-535
Date: 2008-01-12 00:17:12 UTC
From: John Dokulil
Topic: 1626 Message: 1626

Another Question Gentlemen...

My NRD- 535D from Universal Radio came with a CLFD8. I found this to be far to wide so I changed it to a CLFD6. But I found this to be a tad wide, so I installed a CLFD6S. The CLFD6 is good, but I'm basically a DXer so I like the CLFD6S.

Now that brings up another bag of worms in which I could have messed up some things on my 535D. I changed some of the IF Filters in my 535D. I configured the filters so to be narrow to wide in succession via the "Band Width button on the 535D. I now have the following in the following Filter Slots on my CFH-36A IF Filter Board ...

FL3 - muRata CFS 455 I - No 07 69359
FL4 - KE MF-31C
FL5 - YF 455DE 0N01
FL6 - CLF-D6S N 180X

Other than Collins Mechanical Filters... What's Better than what I'm now using for Voice Quality (Clean) in or around the same KHz filter widths listed above ???

John Dokulil
WDX6GMX

1627. Re: [nrd-525-535] Checking of NB and Preselector?

Yahoo group: nrd-525-535
Date: 2008-01-12 00:46:37 UTC
From: ka4prf@peoplepc.com
Topic: 1614 Message: 1627

Kevin,

Another way to test the pass and normal function is turn on
the pass (bypassing the rf circuiT). Tune to the medium wave
band 535 to 1600 KHz. If it sounds distorted and weak, then
the bypass function is working. When the bypass is off (normal)
then the medium wave band works normally.

I tried this with all three receivers, 525, 535, and 545 and they
all act the same.

Chuck

----- Original Message -----
From: kkyahoo
To: nrd-525-535@yahoogroups.com
Sent: Friday, January 11, 2008 17:23
Subject: Re: [nrd-525-535] Checking of NB and Preselector?

Hi to everyone,

The simplest way to check if the preselector is working is to toggle between pass and normal when tuned to an S9 signal. If you see a big drop in the S meter when in normal then it is likely that the preselector is off tune. This presupposes that the pass filter which we are using as a reference is ok of course! Try this on several frequencies as the preselector operates in different bands.

The least amount of test gear you can use to check the preselector is a scope and a sig gen. Select a frequency on the sig gen, connect its output to the 525 antenna input and monitor the signal at test pin 1 on the HF tune board using the scope. Tune the main knob and the peak on the scope should occur when the frequency on your 525 display equals the freq of the signal from the gen. Again try this at several different frequencies.

My 525 is now 20 years old so I decided to check my preselector in the manner described by Bob using a spec analyser and tracking generator.
It was close but a bit out, so I checked the tuning voltages coming out of the CPU board on test pin 3. These should be 5.74V at 400kHz and 20V at 799kHz. Both should be plus minus 0.1V. Mine were on the low side so that the peak of the preselector was also too low.

Kevin
G8LYV

----- Original Message -----
From: g3vvt@...
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, January 09, 2008 11:45 PM
Subject: Re: [nrd-525-535] Checking of NB and Preselector?

In a message dated 09/01/08 10:49:16 GMT Standard Time, nrd-525-535@yahoogroups.com writes:
Hi all
I would like to check if the Noiseblanker and the
tracking preselector of my NRD 525 are working correctly.
Is there a way to do this?
Regards
Andy

Take it you mean the tracking of the RX bandpass filters to the frequency being received?

There is a method described in the NRD-525 Service Manual on page 2-9 of checking the LF range RF Tune voltages with a voltmeter. There is reference to this again on all bands on page 2-29 to 2-30 at the CFL-205 HF tune unit using a tracking scope which in our terms I think will be a tracking generator and spectrum analyzer or possibly a wobbulator + RF detector. Most receivers use bandpass filters before the RF amp if fitted or mixer, where the bandpass selected is determined by the frequency synthesiser system switching in the needed bandpass filters. The JRC JST-135 which is very similar to the NRD-525 in the RX section does use varicap tuned RF tracking in the bandpass filters to improve the removal of unwanted signals. Looking at the block diagram for the NRD-525 shows a similar RF tracking voltage being applied to all the RF bandpass filters.

All you can really do to check assuming you do not have access to a tracking generator and spectrum analyzer is to check the RF sensitivity at selected spot frequencies with a signal generator of known accuracy in terms of output as well as frequency.

Adjustment of the noise blanker is quoted on pages 2-26, 2-27, 2-28. The JRC method is to use a rapid keyed RF signal that is on for 20ms and off for 100ms. Other methods of generating the rapid rise time noise pulses could be to use an old unsuppressed electric drill, switch a light on and off or similar, with the RX antenna close to the AC power feed. Automobile ignition interference also is very good for testing when it can be found. The problem is that some types of noise blanker only respond to certain types of impulsive noise.

Have an Elecraft K2 here that I built from a kit and was convinced the noise blanker was not working. Took 6 months before the correct impulsive noise was heard from an automobile source, but found that it was killed stone dead. The JRC noise blanker I believe are similar in that they are choosy which type of noise they remove. One of the problems with noise blanking if it responds to longer pulses of noise it can remove these at the expense of severe distortion of the wanted signal.

Regards,
Bob, G3VVT

1628. Re: [nrd-525-535] Questions Concerning R221 Mod

Yahoo group: nrd-525-535
Date: 2008-01-12 01:06:48 UTC
From: John Dokulil
Topic: 1628 Message: 1628

Kevin and/or Nigel

Well attempting this mod on R221 may be a mute subject... I can’t find R221 on my IF AMP board. Where R221 should be in regards to TR17, there’s a resistor labeled R211 (between R95 and TR17 on the board). Is this by chance R221 and it’s a misprint on the board, because there is another R211 on the bottom left side of the board below TR40.

When things get this small, tracking circuitry is just a nightmare at best if not for the printed part numbers on the board.

John Dokulil
WDX6GMX

1629. Re: [nrd-525-535] Checking of NB and Preselector?

Yahoo group: nrd-525-535
Date: 2008-01-12 11:30:27 UTC
From: kkyahoo
Topic: 1614 Message: 1629

Chuck,

Yes that's right. The pass function is combined with a 1.6 Meg high pass filter so there would be a big change, especially if you do the test at the low end of the MW band,

Kevin
----- Original Message -----
From: ka4prf@...
To: nrd-525-535@yahoogroups.com
Sent: Saturday, January 12, 2008 12:46 AM
Subject: Re: [nrd-525-535] Checking of NB and Preselector?

Kevin,

Another way to test the pass and normal function is turn on
the pass (bypassing the rf circuiT). Tune to the medium wave
band 535 to 1600 KHz. If it sounds distorted and weak, then
the bypass function is working. When the bypass is off (normal)
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I tried this with all three receivers, 525, 535, and 545 and they
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From: kkyahoo
To: nrd-525-535@yahoogroups.com
Sent: Friday, January 11, 2008 17:23
Subject: Re: [nrd-525-535] Checking of NB and Preselector?

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The least amount of test gear you can use to check the preselector is a scope and a sig gen. Select a frequency on the sig gen, connect its output to the 525 antenna input and monitor the signal at test pin 1 on the HF tune board using the scope. Tune the main knob and the peak on the scope should occur when the frequency on your 525 display equals the freq of the signal from the gen. Again try this at several different frequencies.

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test pin 3. These should be 5.74V at 400kHz and 20V at 799kHz. Both should be plus minus 0.1V. Mine were on the low side so that the peak of the preselector was also too low.

Kevin
G8LYV

----- Original Message -----
From: g3vvt@...
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, January 09, 2008 11:45 PM
Subject: Re: [nrd-525-535] Checking of NB and Preselector?

In a message dated 09/01/08 10:49:16 GMT Standard Time, nrd-525-535@yahoogroups.com writes:
Hi all
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tracking preselector of my NRD 525 are working correctly.
Is there a way to do this?
Regards
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All you can really do to check assuming you do not have access to a tracking generator and spectrum analyzer is to check the RF sensitivity at selected spot frequencies with a signal generator of known accuracy in terms of output as well as frequency.

Adjustment of the noise blanker is quoted on pages 2-26, 2-27, 2-28. The JRC method is to use a rapid keyed RF signal that is on for 20ms and off for 100ms. Other methods of generating the rapid rise time noise pulses could be to use an old unsuppressed electric drill, switch a light on and off or similar, with the RX antenna close to the AC power feed. Automobile ignition interference also is very good for testing when it can be found. The problem is that some types of noise blanker only respond to certain types of impulsive noise.

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Regards,
Bob, G3VVT

1630. Re: [nrd-525-535] IF Filter Question for 535D

Yahoo group: nrd-525-535
Date: 2008-01-12 17:14:23 UTC
From: kkyahoo
Topic: 1626 Message: 1630

John,

In my 525 I have the standard ssb filter, the JRC YF455E, Murata CFG455H, and CFK455I. The last 2 are about 7k and 5k wide respectively.

In the 535, all the above except the CFK445I is replaced by the CFK455H. The H is a very selective 6k, and I chose to use it as my 535 has the W version of the bandwidth control so I could always narrow the selectivity down.

The CFK filters are pin for pin compatible with the CLFD6 series.

One thing to remember to do is make sure that the filters are properly matched to the 600 Ohm surrounding circuit, so you will need LC filters on the input and output of the filter configured just like in the handbook around FL3. For 1.5k impedance filters the L should be 270uH, for 2k filters should be 330uH. In both these cases the C should be 270 pF.

Filters are very personal; to make AM sound nice you need to have round shoulders and the filter should not be too narrow. I personally don't like the Collins 6k filters, even though selectivity wise they are very good. The best sounding receivers generally have IF filtering with real IF transformers. The Eddystone 680X, AR88, Collins 51S1 spring to mind as great sounding receivers.

Kevin, G8LYV

----- Original Message -----
From: John Dokulil
To: nrd-525-535@yahoogroups.com
Sent: Saturday, January 12, 2008 12:17 AM
Subject: [nrd-525-535] IF Filter Question for 535D

Another Question Gentlemen...

My NRD- 535D from Universal Radio came with a CLFD8. I found this to be far to wide so I changed it to a CLFD6. But I found this to be a tad wide, so I installed a CLFD6S. The CLFD6 is good, but I'm basically a DXer so I like the CLFD6S.

Now that brings up another bag of worms in which I could have messed up some things on my 535D. I changed some of the IF Filters in my 535D. I configured the filters so to be narrow to wide in succession via the "Band Width button on the 535D. I now have the following in the following Filter Slots on my CFH-36A IF Filter Board ...

FL3 - muRata CFS 455 I - No 07 69359
FL4 - KE MF-31C
FL5 - YF 455DE 0N01
FL6 - CLF-D6S N 180X

Other than Collins Mechanical Filters... What's Better than what I'm now using for Voice Quality (Clean) in or around the same KHz filter widths listed above ???

John Dokulil
WDX6GMX

1631. Re: [nrd-525-535] Questions Concerning R221 Mod

Yahoo group: nrd-525-535
Date: 2008-01-13 14:31:29 UTC
From: gandalfg8@aol.com
Topic: 1628 Message: 1631

In a message dated 12/01/2008 01:08:41 GMT Standard Time,
jdokulil@usamedia.tv writes:

☐

Kevin and/or Nigel

Well attempting this mod on R221 may be a mute subject... I can’t find R221
on my IF AMP board. Where R221 should be in regards to TR17, there’s a
resistor labeled R211 (between R95 and TR17 on the board). Is this by chance R221
and it’s a misprint on the board, because there is another R211 on the
bottom left side of the board below TR40.

Hi John

Without having a board to hand I can't really help on this.
I can't even find my spare IF amp card at the moment but if I do will come
back to you.
The only thing I can suggest is checking out the circuitry around TR17 with
a DVM and, in particular, the value, and connections to, that questionable
resistor. That should give you an answer fairly quickly.

regards

Nigel
GM8PZR

1632. Re: [nrd-525-535] IF Filter Question for 535D

Yahoo group: nrd-525-535
Date: 2008-01-13 19:23:14 UTC
From: Frank DeMarco
Topic: 1626 Message: 1632

I agree about the subjectivity of the listener.
Personally, I prefer the stock 4kz filter on the 525
for general listening. 73's, Frank
--- kkyahoo <kkyahoo@...> wrote:

> John,
>
> In my 525 I have the standard ssb filter, the JRC
> YF455E, Murata CFG455H, and CFK455I. The last 2 are
> about 7k and 5k wide respectively.
>
> In the 535, all the above except the CFK445I is
> replaced by the CFK455H. The H is a very selective
> 6k, and I chose to use it as my 535 has the W
> version of the bandwidth control so I could always
> narrow the selectivity down.
>
> The CFK filters are pin for pin compatible with the
> CLFD6 series.
>
> One thing to remember to do is make sure that the
> filters are properly matched to the 600 Ohm
> surrounding circuit, so you will need LC filters on
> the input and output of the filter configured just
> like in the handbook around FL3. For 1.5k impedance
> filters the L should be 270uH, for 2k filters should
> be 330uH. In both these cases the C should be 270
> pF.
>
> Filters are very personal; to make AM sound nice you
> need to have round shoulders and the filter should
> not be too narrow. I personally don't like the
> Collins 6k filters, even though selectivity wise
> they are very good. The best sounding receivers
> generally have IF filtering with real IF
> transformers. The Eddystone 680X, AR88, Collins 51S1
> spring to mind as great sounding receivers.
>
> Kevin, G8LYV
>
>
> ----- Original Message -----
> From: John Dokulil
> To: nrd-525-535@yahoogroups.com
> Sent: Saturday, January 12, 2008 12:17 AM

> Subject: [nrd-525-535] IF Filter Question for 535D
>
>
>
> Another Question Gentlemen...
>
> My NRD- 535D from Universal Radio came with a
> CLFD8. I found this to
> be far to wide so I changed it to a CLFD6. But I
> found this to be a
> tad wide, so I installed a CLFD6S. The CLFD6 is
> good, but I'm
> basically a DXer so I like the CLFD6S.
>
> Now that brings up another bag of worms in which I
> could have messed
> up some things on my 535D. I changed some of the
> IF Filters in my
> 535D. I configured the filters so to be narrow to
> wide in
> succession via the "Band Width button on the 535D.
> I now have the
> following in the following Filter Slots on my
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> Board ...
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> FL3 - muRata CFS 455 I - No 07 69359
> FL4 - KE MF-31C
> FL5 - YF 455DE 0N01
> FL6 - CLF-D6S N 180X
>
> Other than Collins Mechanical Filters... What's
> Better than what I'm
> now using for Voice Quality (Clean) in or around
> the same KHz filter
> widths listed above ???
>
> John Dokulil
> WDX6GMX
>
>
>
>

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know-it-all with Yahoo! Mobile. Try it now.
http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

1633. Re: Cheching of NB and Preselector? THANK YOU!

Yahoo group: nrd-525-535
Date: 2008-01-13 20:52:41 UTC
From: kpt_haddock2001
Topic: 1601 Message: 1633

Hi all
thank you very much for all the information!
The preselector of my 525 works and I'm happy :)
Regards
Andy

1634. Re: Questions Concerning R221 Mod

Yahoo group: nrd-525-535
Date: 2008-01-17 07:53:46 UTC
From: g8lyv
Topic: 1628 Message: 1634

--- In nrd-525-535@yahoogroups.com, "John Dokulil" <jdokulil@...> wrote:
>
>
> Kevin and/or Nigel
>
> Well attempting this mod on R221 may be a mute subject... I canâ□□t find R221 on my IF AMP board. Where R221 should be in regards to TR17, thereâ□□s a resistor labeled R211 (between R95 and TR17 on the board). Is this by chance R221 and itâ□□s a misprint on the board, because there is another R211 on the bottom left side of the board below TR40.
>
> When things get this small, tracking circuitry is just a nightmare at best if not for the printed part numbers on the board.
>
> John Dokulil
> WDX6GMX
>
John,

Yes the resistor in question is labelled R211 on the board, as you say it is a misprint,

Kevin

1635. Wellbrook ALA 330 possibly for sale

Yahoo group: nrd-525-535
Date: 2008-01-18 11:02:48 UTC
From: suburude
Topic: 1635 Message: 1635

I have a Wellbrook ALA 330 possibly for sale. I dont think it has ever been used. I would be asking $375 + shp.Payment by Pay Pal. Anybody interested e mail me privately suburude@...
Thanks! Jim

1636. Board removal tools

Yahoo group: nrd-525-535
Date: 2008-01-19 11:18:22 UTC
From: kevjarvis22
Topic: 1636 Message: 1636

Hello,

Could somebody advise me as to where i can purchase the two board removal tools for my 535. Secondhand or new, it doesn't matter.

Thank in advance. Kev

1637. NRD-535D New Frequency Step

Yahoo group: nrd-525-535
Date: 2008-01-20 21:18:06 UTC
From: Antonio
Topic: 1637 Message: 1637

Greetings from a newcomer in Portugal.

Intended to be used as a chirpsounding receiver,
I bought recently a NRD-535D in very good shape,
fortunately.

However, since it must sweep 2 to 30 MHz at a
100 kHz/s rate, I need a new step of 5 kHz.

Is there any new EPROM or another "magic tip"
to do this?

Your helpful comments will be welcome and
very much appreciated.

Thanks,
Antonio
CT1TE

1638. Re: Board removal tools

Yahoo group: nrd-525-535
Date: 2008-01-23 18:32:04 UTC
From: Ari Kilponen
Topic: 1636 Message: 1638

It may be almost impossible to find those tools, but actually you don't need them. All you need is a small ordinary 1-2 mm screwdriver: insert screwdriver's tip into one hole located in the edges of each pc board. Gently pry the board upwards from one edge, about 1-2 millimeters (no more - otherwise the board and its slot may be damaged!) at a time. Same with the other edge. Repeat this until the board is loose. (If you are unsure about your skills, don't try this!)

I must have done this several times when I haven't found my original removing tools...

--- In nrd-525-535@yahoogroups.com, "kevjarvis22" <kevjarvis22@...> wrote:
>
> Hello,
>
> Could somebody advise me as to where i can purchase the two board
> removal tools for my 535. Secondhand or new, it doesn't matter.
>
> Thank in advance. Kev
>

1639. Re: [nrd-525-535] Re: Board removal tools

Yahoo group: nrd-525-535
Date: 2008-01-23 22:44:11 UTC
From: Chuck
Topic: 1636 Message: 1639

Back in the days of the NRD525 there was a tool available, but haven't seen it offered for sale lately. I use a very slim needle nose closed that fits into the holes. Years ago I used a small screw driver, but it damaged the holes after awhile.

Chuck

----- Original Message -----
From: Ari Kilponen
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, January 23, 2008 18:32
Subject: [nrd-525-535] Re: Board removal tools

It may be almost impossible to find those tools, but actually you don't need them. All you need is a small ordinary 1-2 mm screwdriver: insert screwdriver's tip into one hole located in the edges of each pc board. Gently pry the board upwards from one edge, about 1-2 millimeters (no more - otherwise the board and its slot may be damaged!) at a time. Same with the other edge. Repeat this until the board is loose. (If you are unsure about your skills, don't try this!)

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--- In nrd-525-535@yahoogroups.com, "kevjarvis22" <kevjarvis22@...> wrote:
>
> Hello,
>
> Could somebody advise me as to where i can purchase the two board
> removal tools for my 535. Secondhand or new, it doesn't matter.
>
> Thank in advance. Kev
>

1640. Re: [nrd-525-535] Re: Board removal tools

Yahoo group: nrd-525-535
Date: 2008-01-24 00:22:07 UTC
From: Manfred Antar
Topic: 1636 Message: 1640

At 02:44 PM 1/23/2008, Chuck wrote:

>Back in the days of the NRD525 there was a tool available, but haven't
>seen it offered for sale lately. I use a very slim needle nose closed
>that fits into the holes. Years ago I used a small screw driver, but
>it damaged the holes after awhile.
>
>Chuck
>
>----- Original Message -----
>From: <mailto:ari.kilponen@...>Ari Kilponen
>To: <mailto:nrd-525-535@yahoogroups.com>nrd-525-535@yahoogroups.com
>Sent: Wednesday, January 23, 2008 18:32
>Subject: [nrd-525-535] Re: Board removal tools
>
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>need them. All you need is a small ordinary 1-2 mm screwdriver: insert
>screwdriver's tip into one hole located in the edges of each pc board.
>Gently pry the board upwards from one edge, about 1-2 millimeters (no
>more - otherwise the board and its slot may be damaged!) at a time.
>Same with the other edge. Repeat this until the board is loose. (If you
>are unsure about your skills, don't try this!)
>
>I must have done this several times when I haven't found my original
>removing tools...

A Coat Hanger sized rod bent into a long L shape works ===> _____|
Manfred

==========
|| null@... ||
|| Ph. (415) 681-6235 ||
==========

1641. Re: [nrd-525-535] Re: Board removal tools

Yahoo group: nrd-525-535
Date: 2008-01-24 00:21:15 UTC
From: John Dokulil
Topic: 1636 Message: 1641

Kev:

Good Luck finding a Board Removal Tool for any JRC
Radio. I gave up years ago. If you find one, let me know!

I do NOT suggest using a screw driver, because they
tend to over time damage the holes. Something smooth
and round works best. What Ive done is perches 2 small
awls, and then do the following...

- Place both in the holes on each end of the board.
- Make sure both awls are snugly in each hole and in turn
are resting on the metal shield wall next to the board.
- Using the metal shield wall as a rocker base...
Slowly and evenly push down on the handles of each awl
and the board will slowly rise out of its socket.

You can use one and do each side one at a time, but
as Ari stated... ONLY move up each side by NO more
than 2 millimeters or you may bend the board socket pins
or the board slot.

And as Ari said, and I state also...
If you are unsure about your skills, don't try this!

John Dokulil
WDX6GMX

--- In nrd-525-535@yahoogroups.com, "kevjarvis22"
<kevjarvis22@...>
>
wrote:
>
> Hello,
>
> Could somebody advise me as to where i can purchase the two board
> removal tools for my 535. Secondhand or new, it doesn't matter.
>
> Thank in advance. Kev

1642. Re: Board removal tools

Yahoo group: nrd-525-535
Date: 2008-01-24 10:53:20 UTC
From: kevjarvis22
Topic: 1636 Message: 1642

Hi all,

Thanks for you replies re the above question. What i ended up doing in the end to lift out the board from my 535, was to use two 3 inch long pieces of vinyl covered wire which fitted snug through the board holes,i then pulled on both ends of both wires at the same time,and voila! board removed with no damage to the lifting holes! mind you, i have now to find someone who can solder in the CR2032 battery holder for me.

Kev

1643. Re: Board removal tools

Yahoo group: nrd-525-535
Date: 2008-01-24 13:07:23 UTC
From: g3vvt@aol.com
Topic: 1636 Message: 1643

Hi All,

A pair of these tools came in the package with the securing nuts for JRC accessory filters for the NRD-525/JST-135 radios.

The tool is made by stamping out the from what could be stainless steel sheet 1.5mm thick. It is 63mm long by 10mm wide with a 1.5mm pin 3mm long at one end set back 5mm to the centre to the edge of the tool. Additional detail is a shallow groove on both running down the pin side of the tool which has no apparent function and a hole at the other end presumably to hang it up so you do not loose it!

As mentioned by Manfred, a pair could be easily fabricated from a metal coat hanger forming it into an elongated L shape. This assumes the correct diameter of coat hanger can be located to fit the hole in the board, yet still has sufficient strength to do the task. May be a case of grinding down the pin end to fit the holes in the board to get the suitable strength of material.

My problem with these JRC radios is wanting to extend the boards out of their normal position for maintenance. The genuine extender board from JRC was expensive in the UK at about £180 to £200 each in the late 1980's and you needed several different types for each radio. Yet another different pair for my elderly NSD-515 TX which was possibly one of the earlier JRC radios to use the technique of vertical boards above a horizontal mother board. Managed to buy the appropriate connectors from JRC in Japan via their UK office in London when it existed. The idea was to make up the adapters on a sheet of blank single sided PCB material with the connectors bolted to the upper and lower edges, linked together with the appropriate wires when I retired back to the UK. Still not got on with the project even though retirement came along, but will one day!

Fortunately not needed so far, but the luck may not last forever.

Regards,
Bob, G3VVT

1644. Re: Board removal tools

Yahoo group: nrd-525-535
Date: 2008-01-24 15:33:34 UTC
From: Paul Lannuier
Topic: 1636 Message: 1644

Over the years I probably threw about 5,000 of those board pullers in
the trash, never thinking they might be collector's items one day. {sigh}

I always found a couple of bent paper clips to work in a pinch - just
loop through the holes, get a good grip and pull straight up using
knuckles against the chassis rails as leverage. I would be cautious
using pliers or anything else that could crack the circuit board.

73,
Paul WW2PT

> > Could somebody advise me as to where i can purchase the two board
> > removal tools for my 535. Secondhand or new, it doesn't matter.

1645. Re: [nrd-525-535] Re: Board removal tools

Yahoo group: nrd-525-535
Date: 2008-01-24 23:55:13 UTC
From: John Dokulil
Topic: 1636 Message: 1645

Kev

The battery holder is one of the easiest items to solder on the 535. It's getting the old one out cleanly and without damaging anything is a different story. I've run into one board that just didn't want to let go of it's battery no mater what was done to it, but most are straight forward and without problems.

Universal Radio use to do it, but today I cant say... http://www.universal-radio.com/ also Ham Radio Outlet has several locations through out the USA and they also use to do it http://www.hamradio.com/ . And because computer mother boards also use a battery somewhat like the NRD's... any Good and Competent computer repair shop (and I emphasize Good and Competent because many are NOT) should be able to do it for a reasonable fee.

John Dokulil
WDX6GMX

----- Original Message -----
From: kevjarvis22
To: nrd-525-535@yahoogroups.com
Sent: Thursday, January 24, 2008 2:53 AM
Subject: [nrd-525-535] Re: Board removal tools

Hi all,

Thanks for you replies re the above question. What i ended up doing in the end to lift out the board from my 535, was to use two 3 inch long pieces of vinyl covered wire which fitted snug through the board holes,i then pulled on both ends of both wires at the same time,and voila! board removed with no damage to the lifting holes! mind you, i have now to find someone who can solder in the CR2032 battery holder for me.

Kev

1646. [nrd-525-535] Re: Board removal tools

Yahoo group: nrd-525-535
Date: 2008-01-25 00:41:48 UTC
From: kevjarvis22
Topic: 1636 Message: 1646

Hi John,

Thanks for the info. I'm going to ask my local amateur radio club to solder the battery holder in for me, should they be good enough to do it! I'll pay them of course, lol, as im very nervous about doing the job myself.

Kev

1647. For Sale

Yahoo group: nrd-525-535
Date: 2008-01-25 03:39:20 UTC
From: northwoods00
Topic: 1647 Message: 1647

hello group, i have a jrc nrd 535d for sale. the radio works as should however the display has gone out and the cost for a new display from the japan radio corp. office in newyork city is $200.00 which they said they would ship from japan. i would just as soon sell the radio as is and get a wide band reciever like a icom ic- r7000. im asking $400.00 check or money order. ill pay the shipping,u.s.a. only, e-mail off group to northwoods00@yahoo.com <mailto:northwoods00@...>

1648. CMF-78 ECSS Unit

Yahoo group: nrd-525-535
Date: 2008-01-25 17:37:28 UTC
From: kevjarvis22
Topic: 1648 Message: 1648

Hi,

Is there anyone who knows where i can purchase a CMF-78 ECSS Unit?

Thanks.

Kev

1649. service manual for NRD 505

Yahoo group: nrd-525-535
Date: 2008-01-25 18:34:23 UTC
From: r8ejw
Topic: 1649 Message: 1649

Who knows an internet address for loading the service manual of the NRD 505 or for buying it (if it exists) ? Thanks in advance. I already have the service manual for the 515 and for the 525, but no luck because it's my 505 which is faulty.

1650. NRD-535D Wanted

Yahoo group: nrd-525-535
Date: 2008-01-28 22:59:28 UTC
From: David
Topic: 1650 Message: 1650

I am looking for an NRD-535D in good condition, preferably with the instuction manual and box. I would also be interested in the matching speaker. If anyone has one for sale please contact me at dwanderson@.... Thanks.

1651. NRD-535D and poor sound on the "record" and "output jacks"

Yahoo group: nrd-525-535
Date: 2008-01-30 02:16:48 UTC
From: Mike Rohde
Topic: 1651 Message: 1651

I am trying to get good tape recordings off the "record" or rear panel "output jack" without much luck. any recording I make has a lot of static or hiss that over whelms the audio that I am trying to capture. The hiss is much higher than that comes from the speakers. The only way I have been able to get a decent recording is to plug into one of the headphones jacks which of course mutes the speaker. Any ideas?

Thanks,
Mike

1652. Re: [nrd-525-535] NRD-535D and poor sound on the "record" and "output jacks"

Yahoo group: nrd-525-535
Date: 2008-01-30 08:13:34 UTC
From: John Dokulil
Topic: 1651 Message: 1652

Mike

I tape programs regularly for the purposes of writing reception reports. But I have NOT tried to tape via a direct line to a tape recorder using the rear Line Out or the front Record Jack of my NRD-535D.

Instead... I have my NRD's rear Line Out connected to the Line In jack of an inexpensive Stereo Receiver which in turn is connected to an inexpensive Stereo Tape Deck (both are Sony). This way I can hear quality sound via the Tuner's Amplifier stages and two book-shelf speakers rather than the "Not so good" NVA-319, and then if desired... it can also be taped.

The Only thing I can think of is... both the rear Line Out and the front Record Jack are 600ohm. The average tape recorder uses 8 to 16 ohm, this miss match may cause the tape recorder's input to be over driven. Other than that I have no clue. Any one out there in NRD land have any Ideas?

John Dokulil
WDX6GMX

----- Original Message -----
From: Mike Rohde
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, January 29, 2008 6:16 PM
Subject: [nrd-525-535] NRD-535D and poor sound on the "record" and "output jacks"

I am trying to get good tape recordings off the "record" or rear
panel "output jack" without much luck. any recording I make has a lot
of static or hiss that over whelms the audio that I am trying to
capture. The hiss is much higher than that comes from the speakers. The
only way I have been able to get a decent recording is to plug into one
of the headphones jacks which of course mutes the speaker. Any ideas?

Thanks,
Mike

1653. Re: [nrd-525-535] NRD-535D and poor sound on the "record" and "output jacks"

Yahoo group: nrd-525-535
Date: 2008-01-30 08:24:38 UTC
From: John Dokulil
Topic: 1651 Message: 1653

Mike

Restate and rephrase my last email ! ! !

Your tape recorder's input may be "Under Driven" so your
recorder may be trying to compensate by "Over Driving" the
signal to be taped. Especially in recorders that have self
adjusting signal input strength circuits.

GAD... I should learn NOT to send emails after 12 Midnight.

John Dokulil
WDX6GMX

----- Original Message -----
From: John Dokulil
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, January 30, 2008 12:13 AM
Subject: Re: [nrd-525-535] NRD-535D and poor sound on the "record" and "output jacks"

Mike

I tape programs regularly for the purposes of writing reception reports. But I have NOT tried to tape via a direct line to a tape recorder using the rear Line Out or the front Record Jack of my NRD-535D.

Instead... I have my NRD's rear Line Out connected to the Line In jack of an inexpensive Stereo Receiver which in turn is connected to an inexpensive Stereo Tape Deck (both are Sony). This way I can hear quality sound via the Tuner's Amplifier stages and two book-shelf speakers rather than the "Not so good" NVA-319, and then if desired... it can also be taped.

The Only thing I can think of is... both the rear Line Out and the front Record Jack are 600ohm. The average tape recorder uses 8 to 16 ohm, this miss match may cause the tape recorder's input to be over driven. Other than that I have no clue. Any one out there in NRD land have any Ideas?

John Dokulil
WDX6GMX

----- Original Message -----
From: Mike Rohde
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, January 29, 2008 6:16 PM
Subject: [nrd-525-535] NRD-535D and poor sound on the "record" and "output jacks"

I am trying to get good tape recordings off the "record" or rear panel "output jack" without much luck. any recording I make has a lot of static or hiss that over whelms the audio that I am trying to capture. The hiss is much higher than that comes from the speakers. The only way I have been able to get a decent recording is to plug into one of the headphones jacks which of course mutes the speaker. Any ideas?

Thanks,
Mike

1654. RE: [nrd-525-535] NRD-535D and poor sound on the "record" and "output jacks"

Yahoo group: nrd-525-535
Date: 2008-01-30 12:42:02 UTC
From: Notareal
Topic: 1651 Message: 1654

Have you tried Galvanic audio isolator between rx and recorder ?
http://www.epanorama.net/phpBB2/viewtopic.php?t=20937

Br
http://messenger.msn.click-url.com/go/onm00200471ave/direct/01/

1655. poor sound on the " record " and " output jacks "

Yahoo group: nrd-525-535
Date: 2008-01-30 18:47:26 UTC
From: r8ejw
Topic: 1655 Message: 1655

I have the same problem. And one of the same solution than the in the previous message. I only found 2 ways for recording. The first solution is to connect the receiver to a stereo amplifier, and then a cassette deck or MD deck to the amplifier. Other solution is to connect directly the receiver to a cassette-recorder (not a deck !). At the beginning of computers, a lot of such cassette-recorders were sold, so it's easy to find.Mine has a DIN connector with mini jack too for MIC control (or timer control). With this mini jack I can use the timer of my NRD 525 too.
73's.

1656. RE: [nrd-525-535] poor sound on the " record " and " output jacks "

Yahoo group: nrd-525-535
Date: 2008-01-30 19:00:52 UTC
From: Notareal
Topic: 1655 Message: 1656

I have used mp3-player for recording without any problems and sounds great.
There is some mp3-players models (about 40-50euros) that have the line-in connection. For example creative Zen 1GB.
Br

> To: nrd-525-535@yahoogroups.com
> From: r8ejw@...
> Date: Wed, 30 Jan 2008 18:47:26 +0000
> Subject: [nrd-525-535] poor sound on the " record " and " output jacks "
>
> I have the same problem. And one of the same solution than the in the
> previous message. I only found 2 ways for recording. The first
> solution is to connect the receiver to a stereo amplifier, and then a
> cassette deck or MD deck to the amplifier. Other solution is to
> connect directly the receiver to a cassette-recorder (not a deck !).
> At the beginning of computers, a lot of such cassette-recorders were
> sold, so it's easy to find.Mine has a DIN connector with mini jack too
> for MIC control (or timer control). With this mini jack I can use the
> timer of my NRD 525 too.
> 73's.
>
>
>
>
> Yahoo! Groups Links
>
>
>

Express yourself instantly with MSN Messenger! Download today it's FREE!
http://messenger.msn.click-url.com/go/onm00200471ave/direct/01/

1657. Whats the deal with the NVA-319 Speaker Unit

Yahoo group: nrd-525-535
Date: 2008-02-03 04:54:12 UTC
From: John Dokulil
Topic: 1657 Message: 1657

This concerns my NVA-319 Speaker Unit which I just dont use due to its poor sound quality. I took it apart in order to replace the 4" speaker with something with more fidelity (If thats even possible). Now according to my NRD-535 Instruction Manual, the speaker output is rated at 4 ohms, but to my surprise... the speaker in the NVA-319 was an 8 ohm. The unit was new and perched from Universal Radio in the late 90s.

Now I was taught that a 4 Ohm AF output should be matched with a 4 Ohm speaker for best amp performance and fidelity with minimal distortion (this also goes for 8 Ohm, 16 Ohm, etc., etc., etc.). So my question is.... What's the deal??? Is this ONE of the reasons why the sound quality of the unit is so bad, because of a Amp ☐ Speaker mismatch?

John Dokulil
WDX6GMX

1658. Re: [nrd-525-535] Whats the deal with the NVA-319 Speaker Unit

Yahoo group: nrd-525-535
Date: 2008-02-03 12:38:42 UTC
From: gandalfg8@aol.com
Topic: 1657 Message: 1658

In a message dated 03/02/2008 04:54:25 GMT Standard Time,
jdokulil@usamedia.tv writes:

This concerns my NVA-319 Speaker Unit which I just dont use due to its
poor sound quality. I took it apart in order to replace the 4" speaker
with something with more fidelity (If thats even possible). Now
according to my NRD-535 Instruction Manual, the speaker output is rated
at 4 ohms, but to my surprise... the speaker in the NVA-319 was an 8
ohm. The unit was new and perched from Universal Radio in the late
90s.

Now I was taught that a 4 Ohm AF output should be matched with a 4 Ohm
speaker for best amp performance and fidelity with minimal distortion
(this also goes for 8 Ohm, 16 Ohm, etc., etc., etc.). So my question
is.... What's the deal??? Is this ONE of the reasons why the sound
quality of the unit is so bad, because of a Amp – Speaker mismatch?

Hi John

The NVA-319 is specified as an 8 ohm speaker so no surprises there.
Generally it does receive favourable comments so your findings there do seem
unusual, although speakers in metal boxes aren't exactly a hi-fi solution
anyway.

In the days of tube amps with output transformers it was necessary to use
the correct speaker impedance as the transformer turns ratio was calculated for
a given load so as to reflect the correct load back to the output tube or
tubes.

With transformerless solid state amplifiers the output impedance rating is
generally more to tell you the minimum impedance that should be used to avoid
overload rather than indicating an exact required match.
A higher impedance speaker will be quieter at a given output voltage but
there shouldn't be any more distortion and no loss of fidelity.

There may, of course, be other factors such as poor audio anyway or a faulty
speaker.
Have you tried the radio with another speaker and/or the speaker with
another radio?

regards

Nigel
GM8PZR

1659. Re: [nrd-525-535] Whats the deal with the NVA-319 Speaker Unit

Yahoo group: nrd-525-535
Date: 2008-02-04 04:57:33 UTC
From: John Dokulil
Topic: 1657 Message: 1659

Nigel...

I've tried my NVA-319 on several other short wave receivers other than my NRD-535D, and found that it sounds rather poorly when compared to those from Drake, Kenwood and Palstar. My NVA-319 has far to much base and low end mid range, with vary little higher midrange and no high end at all (not to mention the lack of volume).

At first I thought it was just my unit, but after bowering 2 other units from friends, I found that all three were lacking in sound quality for AM listening. This is why my NRD-535D is currently plugged into a cheep Sony AM/FM stereo receiver's tape input, when not listening with earphones while DXing. This has worked great now for some 10 years... but unfortunately the Sony is starting to die (degradation of parts is now causing noticeable distortion). So rather than spending money for a new stereo tuner or power amp, I thought I would try to make the NVA-319 listenable by putting in a new speaker. Then I ran across the 4 to 8 ohm mismatch which in turn posed questions.

I think I'll try a 4 ohm - 4" full range speakers to see if it doesn't help the fidelity any. Possibly even a 4 ohm - 4" 2 way car stereo speaker. But if that doesn't work... it looks like I'm back on ebay looking for another cheep stereo again.

Thanks for the reply!

John Dokulil
WDX6GMX

1660. Low-heat tape solder by RadioShack?

Yahoo group: nrd-525-535
Date: 2008-02-04 20:00:08 UTC
From: Ari Kilponen
Topic: 1660 Message: 1660

Have you guys seen Low-heat Tape Solder in any stores in USA? Sometimes sold by RadioShack, item no. 64-010 (small pieces of tape solder in a small vinyl pouch). Any other brand will do also.

Yes, I know, there has been and there are auctions of this solder in the US eBay, but the seller refuses to send auction items abroad and further he's asking huge postage, e.g. for a lot of 10x3 pouches.

This kind of solder is needed when you connect antenna wires (snapped by reindeers and elks) outside. It melts easily with a lighter. All hints of sales are warmly welcomed!

1661. Re: [nrd-525-535] Whats the deal with the NVA-319 Speaker Unit

Yahoo group: nrd-525-535
Date: 2008-02-04 21:29:08 UTC
From: Alberto I2PHD
Topic: 1657 Message: 1661

John Dokulil wrote:
☐
I think I'll try a 4 ohm - 4" full range speakers to see if it doesn't help the fidelity any. Possibly even a 4 ohm - 4" 2 way car stereo speaker. But if that doesn't work... it looks like I'm back on ebay looking for another cheep stereo again.

That's exactly what I tried on my NVA-319, trying a 2-way car stereo speaker in it, just to test how it sounded. After a couple of days I restored the original speaker,
as it sounded much better. I find that the sound of the NRD-525 + NVA-319 is very good, especially on AM stations (a bit less good for SSB).

A mod I did on the NVA-319 is what I do practically to all the speaker enclosures I own : I filled it with cotton, the type that you can buy for medical uses.
It damps very well the back wave of the speaker, and the sound quality gains.

73 Alberto I2PHD

1662. Re: [nrd-525-535] Whats the deal with the NVA-319 Speaker Unit

Yahoo group: nrd-525-535
Date: 2008-02-05 05:49:21 UTC
From: John Dokulil
Topic: 1657 Message: 1662

Nigal:

Amazing what one forgets when one doesn’t need to remember it...

Years ago before I started using a stereo tuner/amp with a bookshelf speaker instead of my NVA-319, I had purchased an MFJ-616 Speech Intelligibility Enhancer with the idea of putting it in-line between my speaker out and the NVA-319 in hopes that it could boost, shape and improve the sound quality of my NVA-319. But I never got around to trying it because I got the stereo amp/amp the next day and hooked it right up without even un-packing the MFJ-616. So all there years the MFJ-616 just sat in it’s unopened box and up tell now... totally forgotten.

Well it’s been found and hooked up in-line between my 535’s speaker out and the NVA-319. And it works... not as good as a stereo amp/amp with a bookshelf speaker, but it’s definitely much better. Actually I’m rather pleased with the whole works.

My Ears Are Happy Again!

John Dokulil
WDX6GMX

1663. Re: [nrd-525-535] Whats the deal with the NVA-319 Speaker Unit

Yahoo group: nrd-525-535
Date: 2008-02-05 10:13:09 UTC
From: gandalfg8@aol.com
Topic: 1657 Message: 1663

In a message dated 05/02/2008 05:51:32 GMT Standard Time, jdokulil@
usamedia.tv writes:

Years ago before I started using a stereo tuner/amp with a bookshelf speaker
instead of my NVA-319, I had purchased an MFJ-616 Speech Intelligibility
Enhancer with the idea of putting it in-line between my speaker out and the
NVA-319 in hopes that it could boost, shape and improve the sound quality of my
NVA-319. But I never got around to trying it because I got the stereo amp/amp
the next day and hooked it right up without even un-packing the MFJ-616.
So all there years the MFJ-616 just sat in it’s unopened box and up tell
now... totally forgotten.

Well it’s been found and hooked up in-line between my 535’s speaker out and
the NVA-319. And it works... not as good as a stereo amp/amp with a
bookshelf speaker, but it’s definitely much better. Actually I’m rather pleased
with the whole works.

My Ears Are Happy Again!

Hi John

Glad to hear you got it sorted, that sounds good.

I hadn't heard of the MFJ-616 so took a look at the glowing reviews on
eham.net and then went Googling to find it's basically a four band equaliser with
amplification, which makes sense.

I've never been a great fan of any metal boxed "matching" speakers, I've
always found them well overpriced and never totally staisfactory.
Whilst they do tend to be better than what's fitted in the radio, an old
wooden cased bookshelf speaker I've used for years as a test speaker generally
sounds better.

Having said that, I've always been just as much of a sucker for the
"matching" kit as the next man and have several of assorted manufacture tucked away
in storage, so I might follow your example and see if I can give them a new
lease of life:-)

regards

Nigel
GM8PZR

1664. Question for the experts on the 525!

Yahoo group: nrd-525-535
Date: 2008-02-06 21:31:48 UTC
From: driftermick
Topic: 1664 Message: 1664

Hello to the group.
This may be an unusual question, but i think my 525 has gone deaf in the lower medium wave band. first, i'm in western PA, just east of Pittsburgh. i normally use the 525 on shortwave. last night i went to 1360, a low power local, and noticed it was really in the mud. i checked with an old DX440 i keep for local MW, and i got a better signal on the 440 off the whip, than on the JRC on a number of wires i have up. i went to 1020- KDKA, a "local use to be clear" 50KW flamethrower. i couldn't even get half a meter and down to 540 for the local disney outlet i got nothing. i have had this 525 from new, no mods, never missed a beat. i can't remember if i ever had it on the MW band. are all 525 deaf on MW, or do i have something going bad under the hood? maybe the old girl just needs her boards reset, or a good line up? i remember a 515 that was great on MW, and my 535D and 545DSP seem to work great on MW. so, is it the nature of the beast, or is it time to find a good repair shop to look her over? this is a great short-wave receiver, and i won't part with it. the 525 doesn't get used every day. maybe 3 to 4 nights a week. any ideas? thanks.

Drifter...

1665. Re: Question for the experts on the 525!

Yahoo group: nrd-525-535
Date: 2008-02-06 23:00:04 UTC
From: caladonia5560
Topic: 1664 Message: 1665

Your NRD-525 should work just as good as your other JRC receivers on the medium wave band assuming you are using the same antenna. Does the receiver seem OK above 1600 kHz and below 400 kHz? If so, that would indicate a problem with the input bandpass filter switching. One thing you could try is bypassing the input RF filters by pressing key 4 with the MEMO key pressed as outlined on page 19 of the manual. Also it wouldn't hurt to give the antenna select switch on the back a little exercise to see if that helps.

Les

--- In nrd-525-535@yahoogroups.com, "driftermick" <driftermick@...> wrote:
>
> Hello to the group.
> This may be an unusual question, but i think my 525 has gone deaf
> in the lower medium wave band. first, i'm in western PA, just east of
> Pittsburgh. i normally use the 525 on shortwave. last night i went to
> 1360, a low power local, and noticed it was really in the mud. i checked
> with an old DX440 i keep for local MW, and i got a better signal on
> the 440 off the whip, than on the JRC on a number of wires i have up.
> i went to 1020- KDKA, a "local use to be clear" 50KW flamethrower. i
> couldn't even get half a meter and down to 540 for the local disney
> outlet i got nothing. i have had this 525 from new, no mods, never
> missed a beat. i can't remember if i ever had it on the MW band. are
> all 525 deaf on MW, or do i have something going bad under the hood?
> maybe the old girl just needs her boards reset, or a good line up? i
> remember a 515 that was great on MW, and my 535D and 545DSP seem to
> work great on MW. so, is it the nature of the beast, or is it time
> to find a good repair shop to look her over? this is a great short-
> wave receiver, and i won't part with it. the 525 doesn't get used
> every day. maybe 3 to 4 nights a week. any ideas? thanks.
>
> Drifter...
>

1666. Re: [nrd-525-535] Question for the experts on the 525!

Yahoo group: nrd-525-535
Date: 2008-02-06 23:04:41 UTC
From: gandalfg8@aol.com
Topic: 1664 Message: 1666

In a message dated 06/02/2008 21:32:16 GMT Standard Time, driftermic
k@... writes:

Hello to the group.
This may be an unusual question, but i think my 525 has gone deaf
in the lower medium wave band. first, i'm in western PA, just east of
Pittsburgh. i normally use the 525 on shortwave. last night i went to
1360, a low power local, and noticed it was really in the mud. i checked
with an old DX440 i keep for local MW, and i got a better signal on
the 440 off the whip, than on the JRC on a number of wires i have up.
i went to 1020- KDKA, a "local use to be clear" 50KW flamethrower. i
couldn't even get half a meter and down to 540 for the local disney
outlet i got nothing. i have had this 525 from new, no mods, never
missed a beat. i can't remember if i ever had it on the MW band. are
all 525 deaf on MW, or do i have something going bad under the hood?
maybe the old girl just needs her boards reset, or a good line up? i
remember a 515 that was great on MW, and my 535D and 545DSP seem to
work great on MW. so, is it the nature of the beast, or is it time
to find a good repair shop to look her over? this is a great short-
wave receiver, and i won't part with it. the 525 doesn't get used
every day. maybe 3 to 4 nights a week. any ideas? thanks.

Drifter...

Hi Drifter

I don't claim to be an expert but do remember a similar question arising re
the 535 and when I checked the manuals there is a common "feature" on both
sets that might cause this.

There's an option available, by pressing Memo and the "4" button, it's
listed in the user manual, that toggles the input bandpass filters on and off.
When off, ie bypassed, the word "pass" will appear on the display.
One hidden "feature" mentioned in the service manual but couldn't see it in
the user manual, is that a 1.6MHz high pass filter is inserted when in the
"pass" position, presumably to avoid BCB intermod problems, so this might be the
cause of your 525 being "deaf" on MW.

regards

Nigel
GM8PZR

1667. Re: Question for the experts on the 525!

Yahoo group: nrd-525-535
Date: 2008-02-07 14:37:22 UTC
From: driftermick
Topic: 1664 Message: 1667

Gentlemen, thank you both.
i had tried the <meno/4>, with the pass
on, it lowers the signal a bit on MW. and on longwave with pass on
i receive the images from the MW band. so, this tells me pass allows
the MW to bleed into the LW, but on MW it lowers the signal about
10? this is a bit confusing, do i have this right? one thing is the
receive gets deafer as the freq on MW goes lower. i'm going to check
my antennas when the weather breaks here, i noticed my old and well
used AOR AR3030 is a bit deaf on the MW also. so, before i go any
father here, i feel i need to start tracing my coax out to the
splitters and grounds. after i get abit of rest here i'm going to
try the 525 on my 7000 vertical which i use as a dedicated ant for
my AR5000. this could tell me if it's antennas or the radio itself.
thanks again, will let you know how i make out. gee, my radios are
becoming like my kids here, i seem to worry when one is ill.

Drifter...

--- In nrd-525-535@yahoogroups.com, gandalfg8@... wrote:
>
>
> In a message dated 06/02/2008 21:32:16 GMT Standard Time,
driftermic
> k@... writes:
>
> Hello to the group.
> This may be an unusual question, but i think my 525 has gone deaf
> in the lower medium wave band. first, i'm in western PA, just east
of
> Pittsburgh. i normally use the 525 on shortwave. last night i went
to
> 1360, a low power local, and noticed it was really in the mud. i
checked
> with an old DX440 i keep for local MW, and i got a better signal on
> the 440 off the whip, than on the JRC on a number of wires i have
up.
> i went to 1020- KDKA, a "local use to be clear" 50KW flamethrower.
i
> couldn't even get half a meter and down to 540 for the local disney
> outlet i got nothing. i have had this 525 from new, no mods, never
> missed a beat. i can't remember if i ever had it on the MW band.
are
> all 525 deaf on MW, or do i have something going bad under the
hood?
> maybe the old girl just needs her boards reset, or a good line up?

i
> remember a 515 that was great on MW, and my 535D and 545DSP seem to
> work great on MW. so, is it the nature of the beast, or is it time
> to find a good repair shop to look her over? this is a great short-
> wave receiver, and i won't part with it. the 525 doesn't get used
> every day. maybe 3 to 4 nights a week. any ideas? thanks.
>
> Drifter...
>
>
>
>
> ----------
> Hi Drifter
>
> I don't claim to be an expert but do remember a similar question
arising re
> the 535 and when I checked the manuals there is a common "feature"
on both
> sets that might cause this.
>
> There's an option available, by pressing Memo and the "4" button,
it's
> listed in the user manual, that toggles the input bandpass filters
on and off.
> When off, ie bypassed, the word "pass" will appear on the display.
> One hidden "feature" mentioned in the service manual but couldn't
see it in
> the user manual, is that a 1.6MHz high pass filter is inserted when
in the
> "pass" position, presumably to avoid BCB intermod problems, so this
might be the
> cause of your 525 being "deaf" on MW.
>
> regards
>
> Nigel
> GM8PZR
>

1668. RE: [nrd-525-535] Re: Question for the experts on the 525!

Yahoo group: nrd-525-535
Date: 2008-02-08 09:14:20 UTC
From: Notareal
Topic: 1664 Message: 1668

I think you should open the receiver and lift the cards out from their slots and
put them back. I heard that someone had similar problems that were caused by bad contacts.
Maybe it is enough to concentrate on RF-board.
BR
http://messenger.msn.click-url.com/go/onm00200471ave/direct/01/

1669. Re: Question for the experts on the 525!

Yahoo group: nrd-525-535
Date: 2008-02-08 13:06:21 UTC
From: driftermick
Topic: 1664 Message: 1669

Thank you sir. i will be trying that this weekend. busy here, seems like everything comes at once. what brought the 525 to my attention was my old AR3030 lost the MW band. thought it might be an antenna. i started checking a few of my receivers here and the 525 was down also. so, i have 2 receivers on the bench. the covers are off the 3030, waitting for diagrams from AOR-UK, and the JRC is next.

Thanks again.
Drifter...

--- In nrd-525-535@yahoogroups.com, Notareal <not_a_real@...> wrote:
>
>
>
> I think you should open the receiver and lift the cards out from their slots and
> put them back. I heard that someone had similar problems that were caused by bad contacts.
> Maybe it is enough to concentrate on RF-board.
> BR
> http://messenger.msn.click-url.com/go/onm00200471ave/direct/01/
>

1670. Re: Question for the experts on the 525! Update.

Yahoo group: nrd-525-535
Date: 2008-02-13 18:23:15 UTC
From: driftermick
Topic: 1664 Message: 1670

Just a little update were. finally got around to playing with the
525. reseated all the boards, and that fixed it. working like a
champ. thanks for the help.

Drifter...

--- In nrd-525-535@yahoogroups.com, "driftermick" <driftermick@...>
wrote:
>
> Thank you sir. i will be trying that this weekend. busy here, seems
> like everything comes at once. what brought the 525 to my attention
> was my old AR3030 lost the MW band. thought it might be an antenna.
> i started checking a few of my receivers here and the 525 was down
> also. so, i have 2 receivers on the bench. the covers are off the
> 3030, waitting for diagrams from AOR-UK, and the JRC is next.
>
> Thanks again.
> Drifter...
>
>
>
>
> --- In nrd-525-535@yahoogroups.com, Notareal <not_a_real@> wrote:
> >
> >
> >
> > I think you should open the receiver and lift the cards out from
> their slots and
> > put them back. I heard that someone had similar problems that
were
> caused by bad contacts.
> > Maybe it is enough to concentrate on RF-board.
> > BR
> > http://messenger.msn.click-url.com/go/onm00200471ave/direct/01/
> >
>

1671. Clock setting difficulty on NRD-525

Yahoo group: nrd-525-535
Date: 2008-02-15 07:32:32 UTC
From: Bill Clarke
Topic: 1671 Message: 1671

I am a "newbie" to the 525 for I received my radio today. I am following the clock setting instructions to the "T" on page 18 of the owner's manual. I key in the time that I want Clock 1 to display, but when I press the ENT/kHz to store my entry, the display reverts back to the previous time on the clock display for Clock 1 when I get the beep tone. I tried to set it numerous times to no avail. What could I be doing wrong? I just don't understand for I am ususally pretty good with this digital clock stuff. I could use some help.

I am new to this Group and look forward to learning about my new receiver. I bought this receiver as a backup to my Icom R-9000. So far except for the clock problem it seems to be a nice little receiver.

Regards,

Bill C.
Norwich, CT 06360

1672. wtb r2r or 535

Yahoo group: nrd-525-535
Date: 2008-02-24 10:19:45 UTC
From: elan paim
Topic: 1672 Message: 1672

Hi
is any one can let me know what price the 525 and the 535 selling for in the UK ?
I am looking to buy one if any one in the UK have one for sale
many thanks

1673. Re: [nrd-525-535] wtb r2r or 535

Yahoo group: nrd-525-535
Date: 2008-02-24 15:16:07 UTC
From: pedit@aol.com
Topic: 1672 Message: 1673

Yes, Sign on to eBay uk, you'll probably catch a couple of auctions or you can do an Advance search on ebay uk and check off Completed Sales and you,ll get an idea of what the current prices are.
Sent via BlackBerry by AT&T

-----Original Message-----
From: elan paim <paimg0uut@btinternet.com>

Date: Sun, 24 Feb 2008 10:19:45
To:nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] wtb r2r or 535

Hi
is any one can let me know what price the 525 and the 535 selling for in the UK ?
I am looking to buy one if any one in the UK have one for sale
many thanks

1674. JRC NRD-525 For Sale and CMK-165 VHF/UHF Converter is also for sale seperately

Yahoo group: nrd-525-535
Date: 2008-02-26 04:49:23 UTC
From: Bill Clarke
Topic: 1674 Message: 1674

I have a super clean, No visible marks on it, JRC NRD-525 for sale. It looks great and works great, a very sensitive receiver with a low noise floor. I am overloaded in receivers, so this must go. I have the original Operator's manual, and a nice brand new copy of the Service Manual from W7FG Manuals. AC cord power cord. comes with it. I can provide photos.Serial # is 39117 so it has the latest firmware.

$499 plus shipping and I will accept PayPal. I will only ship this radio to an address in the CONUS. Grab it before I put it in eBay.

I also have the optional CMK-165 VHF/UHF Converter for sale. It is used in original packing (2 boxes)with instruction sheet. I will include a pair of the hard to find JRC Board Pullers with it. $295 plus shipping.Please email me if you have any questions.

I can provide photos. This option is very rare and hard to come by. The VHF/UHF Converter gives the NRD-525 the added frequency bands:

34-60 MHZ
114-174 MHZ
425-445 MHZ

Bill Clarke
Norwich, CT 06360
KB1PZO

1675. WTB 535 UK ONLY

Yahoo group: nrd-525-535
Date: 2008-02-28 08:17:48 UTC
From: elan paim
Topic: 1675 Message: 1675

Hi
looking for mint nrd 535 from non smoking home with orig box and manual
please send picture and price only from UK .
MANY THANKS
l

1676. wtb 535 or 525

Yahoo group: nrd-525-535
Date: 2008-03-01 14:26:19 UTC
From: elan paim
Topic: 1676 Message: 1676

hi
I am looking for mint nice condition box manual [not Internet one please] from non smoking home
nrd 535 or 525 [no junk please]
UK ONLY
please send pic and price and qth as well
many thanks for looking

vy73
and all the best
Elan g0uut

1677. Re: wtb 535 or 525

Yahoo group: nrd-525-535
Date: 2008-03-02 22:12:21 UTC
From: kevjarvis22
Topic: 1676 Message: 1677

Hi,

What is a box manual? they don't usually come with instructions! lol

1678. NRD-535D Wanted

Yahoo group: nrd-525-535
Date: 2008-03-04 15:13:02 UTC
From: David
Topic: 1650 Message: 1678

I am looking for an NRD-535D in good working condition. If anyone has one they would be willing to sell, please contact me at dwanderson@.... I am located in Indiana.

1679. Looking for...

Yahoo group: nrd-525-535
Date: 2008-03-04 18:32:25 UTC
From: driftermick
Topic: 1679 Message: 1679

Hello to the group. friend got an NRD345 off ebay a while back.

no manual. i can't seem to find one anywhere on the web. could

some kind soul point me in the right direction? need a URL,

or a web site. op manual and/or the service manual would be

nice also. thanks...

Drifter...

1680. Re: [nrd-525-535] Looking for...

Yahoo group: nrd-525-535
Date: 2008-03-05 01:45:03 UTC
From: pedit@aol.com
Topic: 1679 Message: 1680

Hi, I did the same as you did, I purchased a 535 in perfect condition, but didn't know how to operate it until I purchased a manual.

I purchased my manual from the following link,

http://www.classicradiomanuals.com/catalog/news19.htm
(http://www.classicradiomanuals.com/catalog/news19.htm)

enjoy,
ed.

**********It's Tax Time! Get tips, forms, and advice on AOL Money & Finance. (http://money.aol.com/tax?NCID=aolprf00030000000001)

1681. Loose FREQ button

Yahoo group: nrd-525-535
Date: 2008-03-06 17:56:27 UTC
From: ortfmic
Topic: 1681 Message: 1681

Hello group,

The FREQ button on my 525 has worked itself loose. It still works, but it now rolls around in its flush-mount setting. Anyone have a similar issue and how easy or difficult is it to replace? I assume I'll have to find the part from a radio graveyard.

Regards,
Tom

1682. Expanding my 525's horizons

Yahoo group: nrd-525-535
Date: 2008-03-10 09:27:42 UTC
From: zl2gaz
Topic: 1682 Message: 1682

Hi I'm new to the group and own a NRD 525 but alas it has no VHF and upwards ability so I am browsing around for the CMK165 converter.
Anyone know of one going very cheap here in New Zealand?
Many thanks
Gary ZL2GAZ

1683. PDF version of manual?

Yahoo group: nrd-525-535
Date: 2008-03-13 04:39:11 UTC
From: Greg Shoom
Topic: 1683 Message: 1683

Hi, I'm new to this group. I just bought a NRD-525 a few days ago - the first JRC product I've owned. Unfortunately the man I bought it from did not have the owner's manual or a service manual. Does anyone know if there are softcopies of these manuals available for free anywhere on the web? I see that Universal Radio sells CDs with PDF versions of these manuals, but before I order them I want to make sure they're not available for free somewhere.

--
$
$ Greg Shoom - shoom@...
$ Toronto, Ontario, Canada
$

1684. RE: [nrd-525-535] PDF version of manual?

Yahoo group: nrd-525-535
Date: 2008-03-13 08:58:55 UTC
From: Marc Vissers
Topic: 1683 Message: 1684

Check the files section at http://groups.yahoo.com/group/nrd-525-535/

Marc
Belgium

> -----Oorspronkelijk bericht-----
> Van: nrd-525-535@yahoogroups.com
> [mailto:nrd-525-535@yahoogroups.com]Namens Greg Shoom
> Verzonden: donderdag 13 maart 2008 5:39
> Aan: nrd-525-535@yahoogroups.com
> Onderwerp: [nrd-525-535] PDF version of manual?
>
>
> Hi, I'm new to this group. I just bought a NRD-525 a few days ago - the
> first JRC product I've owned. Unfortunately the man I bought it from did
> not have the owner's manual or a service manual. Does anyone know if
> there are softcopies of these manuals available for free anywhere on the
> web? I see that Universal Radio sells CDs with PDF versions of these
> manuals, but before I order them I want to make sure they're not
> available for free somewhere.
>
> --
> $
> $ Greg Shoom - shoom@...
> $ Toronto, Ontario, Canada
> $
>
>
>
>
> Yahoo! Groups Links
>
>
>
>

1685. Re: [nrd-525-535] PDF version of manual?

Yahoo group: nrd-525-535
Date: 2008-03-13 09:15:02 UTC
From: gandalfg8@aol.com
Topic: 1683 Message: 1685

In a message dated 13/03/2008 04:40:06 GMT Standard Time,
shoomg@... writes:

Hi, I'm new to this group. I just bought a NRD-525 a few days ago - the
first JRC product I've owned. Unfortunately the man I bought it from did
not have the owner's manual or a service manual. Does anyone know if
there are softcopies of these manuals available for free anywhere on the
web? I see that Universal Radio sells CDs with PDF versions of these
manuals, but before I order them I want to make sure they're not
available for free somewhere.

Hi

Welcome to the group and I hope you enjoy your 525.

Both manuals are available for download from the files section of this group.

regards

Nigel
GM8PZR

1686. JRC NRD-525 for sale

Yahoo group: nrd-525-535
Date: 2008-03-15 17:17:43 UTC
From: John Malaska
Topic: 1686 Message: 1686

I bought it recently, and unfortunately have to sell it.

Excellent condition. Serial # is the 46000's. Comes w/ manual,
dustcover, and Whitepaper.

$500 plus shipping.

Feel free to ask any questions.

JohnM

1687. FA : 535D in Excellent Condition

Yahoo group: nrd-525-535
Date: 2008-03-17 13:50:22 UTC
From: dxrrrrr
Topic: 1687 Message: 1687

Group,

For Auction:

A really clean 535D with with Sherwood IF Tap. Original Box, Original Manual,from a non smoking environment.

High serial number 535D as well.

http://tinyurl.com/3xnqz9

Thanks
Dom

1688. Re: 12 volt power supply question

Yahoo group: nrd-525-535
Date: 2008-03-18 16:09:43 UTC
From: Emmett
Topic: 1508 Message: 1688

--- In nrd-525-535@yahoogroups.com, g3vvt@... wrote:
>
> Hi,
>
> Before you go off at a tangent, consider what the problem is with your
> NRD-535D.
> How would you describe the type of noise you are getting? Is it a
I would describe the noise as a high pitched whine. The noise does not
come over the speaker. I have tried tightening the through bolts and
using laminate with no success. I was curious if the supply can be
replaced all together.

Emmett

mechanical
> noise from say the AC supply transformer or some other type of
noise? Is it
> there with the audio gain at minimum?
>
> Noise from AC supply transformers can usually be cleared by
tightening the
> through bolts to stop the laminations rattling. Occasionally some
buffering
> with thin rubber sheet can be beneficial with stubborn cases. Also
check the
> fixing bolts of the transformer to the chassis.
>
> It makes better sense to try to fix what the problem is before
trying to
> re-invent the wheel!
>
> Regards,
> Bob, G3VVT
>

1689. Re: [nrd-525-535] Re: 12 volt power supply question

Yahoo group: nrd-525-535
Date: 2008-03-18 23:30:44 UTC
From: John Dokulil
Topic: 1508 Message: 1689

Emmett wrote...
I would describe the noise as a high pitched whine. The noise does not
come over the speaker. I have tried tightening the through bolts and
using laminate with no success.

Emmett:
Are you sure that the noise is coming from your power transformer? My experience is that they hum or buzz. On all 3 of my solid state receivers (R1000, R2000 and NRD-535Db) I have never experienced any such noise as you described from a power transformer. But on both my tube receivers (HQ-180A and SX-100) I have had such a noise problem several times. Each time it was NOT the power transformer causing the whine or squeal, but was either a power transistor or the main power capacitor (it's technical name currently eludes me, but it believe it sits just to the side of the Power Supply in the 535D).

Sorry I can't be of help.

John Dokulil
WDX6GMX

----- Original Message -----
From: Emmett
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, March 18, 2008 8:09 AM
Subject: [nrd-525-535] Re: 12 volt power supply question

.> Hi,
>
> Before you go off at a tangent, consider what the problem is with your
> NRD-535D.
> How would you describe the type of noise you are getting? Is it a
I would describe the noise as a high pitched whine. The noise does not
come over the speaker. I have tried tightening the through bolts and
using laminate with no success. I was curious if the supply can be
replaced all together.

1690. RE: [nrd-525-535] Re: 12 volt power supply question

Yahoo group: nrd-525-535
Date: 2008-03-19 10:29:00 UTC
From: Notareal
Topic: 1508 Message: 1690

Hi !
Have you tried what happens to noise if you connect your receiver to an outside 12VDC power source ?
12VDC car battery for example ?
BR

To: nrd-525-535@yahoogroups.comFrom: jdokulil@...: Tue, 18 Mar 2008 15:30:44 -0800Subject: Re: [nrd-525-535] Re: 12 volt power supply question

Emmett wrote...I would describe the noise as a high pitched whine. The noise does notcome over the speaker. I have tried tightening the through bolts andusing laminate with no success.

Emmett:Are you sure that the noise is coming from your power transformer? My experience is that they hum or buzz. On all 3 of my solid state receivers (R1000, R2000 and NRD-535Db) I have never experienced any such noise as you described from a power transformer. But on both my tube receivers (HQ-180A and SX-100) I have had such a noise problem several times. Each time it was NOT the power transformer causing the whine or squeal, but was either a power transistor or the main power capacitor (it’s technical name currently eludes me, but it believe it sits just to the side of the Power Supply in the 535D).

Sorry I can’t be of help.

John DokulilWDX6GMX

----- Original Message -----
From: Emmett
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, March 18, 2008 8:09 AM
Subject: [nrd-525-535] Re: 12 volt power supply question

.> Hi,> > Before you go off at a tangent, consider what the problem is with your > NRD-535D.> How would you describe the type of noise you are getting? Is it a I would describe the noise as a high pitched whine. The noise does notcome over the speaker. I have tried tightening the through bolts andusing laminate with no success. I was curious if the supply can bereplaced all together.

Invite your mail contacts to join your friends list with Windows Live Spaces. It's easy!
http://spaces.live.com/spacesapi.aspx?wx_action=create&wx_url=/friends.aspx&mkt=en-us

1691. Re: PDF version of manual?

Yahoo group: nrd-525-535
Date: 2008-03-20 04:26:19 UTC
From: Greg
Topic: 1683 Message: 1691

Thanks for the pointer to the owner's manual files in the Files
section. I should have looked in there before asking.

Now that I've got my 525 set up and have had a chance to try it out, I
can say that it's a really good piece of gear. Am looking forward to
using it. It's probably the best receiver I have now, although my ham
transceiver (an old Icom IC-745) is close.

Regards,
Greg S.

1692. Re: 12 volt power supply question

Yahoo group: nrd-525-535
Date: 2008-03-21 19:01:02 UTC
From: Emmett
Topic: 1508 Message: 1692

Yes I have. I have connected to an external 12 volt dc supply and the noise stops...Emmett

--- In nrd-525-535@yahoogroups.com, Notareal <not_a_real@...> wrote:
>
>
> Hi !
> Have you tried what happens to noise if you connect your receiver to an outside 12VDC power source ?
> 12VDC car battery for example ?
> BR
>
>
> To: nrd-525-535@...: jdokulil@...: Tue, 18 Mar 2008 15:30:44 -0800Subject: Re: [nrd-525-535] Re: 12 volt power supply question
>
> Emmett wrote...I would describe the noise as a high pitched whine. The noise does notcome over the speaker. I have tried tightening the through bolts andusing laminate with no success.
>
> Emmett:Are you sure that the noise is coming from your power transformer? My experience is that they hum or buzz. On all 3 of my solid state receivers (R1000, R2000 and NRD-535Db) I have never experienced any such noise as you described from a power transformer. But on both my tube receivers (HQ-180A and SX-100) I have had such a noise problem several times. Each time it was NOT the power transformer causing the whine or squeal, but was either a power transistor or the main power capacitor (it's technical name currently eludes me, but it believe it sits just to the side of the Power Supply in the 535D).
>
> Sorry I can't be of help.
>
> John DokulilWDX6GMX
>

>
> ----- Original Message -----
> From: Emmett
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, March 18, 2008 8:09 AM
> Subject: [nrd-525-535] Re: 12 volt power supply question
>
>
> .> Hi,> > Before you go off at a tangent, consider what the problem

is with your > NRD-535D.> How would you describe the type of noise you
are getting? Is it a I would describe the noise as a high pitched
whine. The noise does notcome over the speaker. I have tried
tightening the through bolts andusing laminate with no success. I was
curious if the supply can bereplaced all together.
> _____
> Invite your mail contacts to join your friends list with Windows
Live Spaces. It's easy!
>
http://spaces.live.com/spacesapi.aspx?wx_action=create&wx_url=/friends.aspx&mkt=en-us
>

1693. Re: [nrd-525-535] Re: 12 volt power supply question

Yahoo group: nrd-525-535
Date: 2008-03-22 15:15:33 UTC
From: VLAD
Topic: 1508 Message: 1693

Emmett,

I suggest to check rectifier diodes in your NRD-535 internal power supply (CD5, CD6, CD7 and CD8).
If one of the diodes is shorted this would result in a higher current in a secondary winding of the T1 power transformer and also would result in a humming noise from transformer. Actually at the same time the AC input fuse should get blown.

Regards,
Vlad, kb9olm

Emmett <bear_77586@...> wrote: Yes I have. I have connected to an external 12 volt dc supply and the
noise stops...Emmett

--- In nrd-525-535@yahoogroups.com, Notareal wrote:
>
>
> Hi !
> Have you tried what happens to noise if you connect your receiver to an outside 12VDC power source ?
> 12VDC car battery for example ?
> BR
>
>
> To: nrd-525-535@...: jdokulil@...: Tue, 18 Mar 2008 15:30:44 -0800Subject: Re: [nrd-525-535] Re: 12 volt power supply question
>
> Emmett wrote...I would describe the noise as a high pitched whine. The noise does notcome over the speaker. I have tried tightening the through bolts andusing laminate with no success.
>
> Emmett:Are you sure that the noise is coming from your power transformer? My experience is that they hum or buzz. On all 3 of my solid state receivers (R1000, R2000 and NRD-535Db) I have never experienced any such noise as you described from a power transformer. But on both my tube receivers (HQ-180A and SX-100) I have had such a noise problem several times. Each time it was NOT the power transformer causing the whine or squeal, but was either a power transistor or the main power capacitor (it's technical name currently eludes me, but it believe it sits just to the side of the Power Supply in the 535D).
>
> Sorry I can't be of help.
>
> John DokulilWDX6GMX

>

>
> ----- Original Message -----
> From: Emmett
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, March 18, 2008 8:09 AM
> Subject: [nrd-525-535] Re: 12 volt power supply question
>
>
> .> Hi,> > Before you go off at a tangent, consider what the problem
is with your > NRD-535D.> How would you describe the type of noise you
are getting? Is it a I would describe the noise as a high pitched
whine. The noise does notcome over the speaker. I have tried
tightening the through bolts andusing laminate with no success. I was
curious if the supply can bereplaced all together.
> _____
> Invite your mail contacts to join your friends list with Windows
Live Spaces. It's easy!
>
http://spaces.live.com/spacesapi.aspx?wx_action=create&wx_url=/friends.aspx&mkt=en-us
>

Yahoo! Groups Links

Be a better friend, newshound, and know-it-all with Yahoo! Mobile. Try it now.

1694. For Sale Mint! AR 7030 plus

Yahoo group: nrd-525-535
Date: 2008-03-26 12:00:52 UTC
From: suburude
Topic: 1694 Message: 1694

For Sale Mint! AR 7030 plus. with all the stuff. Box ,remote, manual.
pics available upon request.
$1095 + ship
suburude@...

1695. FS: JRC NRD-535D RECEIVER parts. LOOKING FOR NRD-515 SERVICE MANUAL

Yahoo group: nrd-525-535
Date: 2008-03-29 18:41:20 UTC
From: vladdvorkin
Topic: 1695 Message: 1695

Gentlemen,

I do have JRC NRD-535D parts radio. Some parts and boards from this radio I already use to support my other NRD-535D receiver.

The following parts and pieces from my NRD-535D parts radio (serial #53XXX) are in good cosmetic and good working condition and they are available for sale :

COMPLETE WORKING MOTHER BOARD
METAL CASE FRAME
TOP AND BOTTOM METAL COVERS
BACKSIDE PANEL WITH ALL CONNECTORS & POWER SUPPLY CIRCUIT.
INTERNAL 8-OHM SPEAKER (EAS-8P29S) W/CONNECTING CABLE & CONNECTOR.

I also have several good working plug-in boards for NRD-535D (NRD-535), and I may consider selling some of them:

CAE-227, IF AMP BOARD
CGA-145, LOOP1 BOARD
CGK-127A, REF/DDS BOARD
CDC-493AD, CPU BOARD

I AM LOOKING FOR SERVICE MANUAL FOR NRD-515.

73,
Vladimir Dvorkin, kb9olm
SF Bay Area
email: kb9olm_AT_yahoo_DOT_com

1696. FREQ. LIMITATION

Yahoo group: nrd-525-535
Date: 2008-03-29 20:58:07 UTC
From: Vojislav
Topic: 1696 Message: 1696

Hi,

recently I got NRD-525 receiver, but surprisely it has frequency limitation 150kHz to 26.200MHz. Does anyone know how to spread freq. to full band?

BR
Voja

1697. For Sale Mint! AR 7030 plus Last Lowered Final Price. $1000

Yahoo group: nrd-525-535
Date: 2008-03-29 22:14:13 UTC
From: suburude
Topic: 1697 Message: 1697

For Sale Mint! AR 7030 plus. with all the stuff. Box ,remote, manual.
pics available upon request.
$1000 + ship

1698. Re: [nrd-525-535] FREQ. LIMITATION

Yahoo group: nrd-525-535
Date: 2008-03-30 08:48:35 UTC
From: Chuck
Topic: 1696 Message: 1698

Yes - There is a procedure for getting the
receiver to tune to 000. I believe you must hold
one of the buttons down when turning the receiver
on. Unfortunately, I don't remember
which button to hold down. Maybe someone else
remembers?

Chuck

----- Original Message -----
From: Vojislav
To: nrd-525-535@yahoogroups.com
Sent: Saturday, March 29, 2008 21:58
Subject: [nrd-525-535] FREQ. LIMITATION

Hi,

recently I got NRD-525 receiver, but surprisely
it has frequency
limitation 150kHz to 26.200MHz. Does anyone know
how to spread freq. to
full band?

BR
Voja

1699. Re: FREQ. LIMITATION

Yahoo group: nrd-525-535
Date: 2008-03-30 10:38:12 UTC
From: Vojislav
Topic: 1696 Message: 1699

I found cut wire on W2 jumper on CDC-353 (CPU Board). After bridged connection freq. band is correct.

Regards,

Voja/YU7WL

1700. Re: [nrd-525-535] Re: FREQ. LIMITATION

Yahoo group: nrd-525-535
Date: 2008-03-30 09:40:18 UTC
From: Chuck
Topic: 1696 Message: 1700

Oops, - I thought there was a way, but didn't
remember the W2 wire.

Chuck

----- Original Message -----
From: Vojislav
To: nrd-525-535@yahoogroups.com
Sent: Sunday, March 30, 2008 11:38
Subject: [nrd-525-535] Re: FREQ. LIMITATION

I found cut wire on W2 jumper on CDC-353 (CPU
Board). After bridged
connection freq. band is correct.

Regards,

Voja/YU7WL

1701. Re: [nrd-525-535] FREQ. LIMITATION

Yahoo group: nrd-525-535
Date: 2008-03-30 10:49:06 UTC
From: Hans de Zeeuw
Topic: 1696 Message: 1701

Hi,

it looks you have a German model!

Hans de Zeeuw,
Strathdon - Scotland

----- Original Message ----
From: Vojislav <wox@...>
To: nrd-525-535@yahoogroups.com
Sent: Saturday, 29 March, 2008 8:58:07 PM
Subject: [nrd-525-535] FREQ. LIMITATION

Hi,

recently I got NRD-525 receiver, but surprisely it has frequency
limitation 150kHz to 26.200MHz. Does anyone know how to spread freq. to
full band?

BR
Voja

1702. Re: [nrd-525-535] Re: FREQ. LIMITATION

Yahoo group: nrd-525-535
Date: 2008-03-30 10:54:09 UTC
From: gandalfg8@aol.com
Topic: 1696 Message: 1702

In a message dated 30/03/2008 11:40:49 GMT Daylight Time,
ka4prf@... writes:

Oops, - I thought there was a way, but didn't remember the W2 wire.

That's interesting, and looking at the CPU board schematic I can see four
links W1 to W4, with W1 to W3 shown as linked and W4 open.
I couldn't see any reference to these in the manual.

Does anybody have a list of the effect of the various combinations and does
anybody know why these options were available?

regards

Nigel
GM8PZR

1703. Re: FREQ. LIMITATION

Yahoo group: nrd-525-535
Date: 2008-03-30 11:09:43 UTC
From: Vojislav
Topic: 1696 Message: 1703

Right,
it's from Germany, model 525GF but without V/UHF Converter. One crystal filt. YF455DE (CFL-233) 1kHz. Just received it. Works but perhaps needs recalibration but first have to make extension board.

Voja

--- In nrd-525-535@yahoogroups.com, Hans de Zeeuw <swl@...> wrote:
>
> Hi,
>
> it looks you have a German model!
>
>
> Hans de Zeeuw,
> Strathdon - Scotland

1704. WANTED: 12 VDC Cable for JRC-NRD-535

Yahoo group: nrd-525-535
Date: 2008-03-31 00:53:39 UTC
From: Emmett
Topic: 1704 Message: 1704

I am looking for the 12VDC cable for my JRC NRD-535D.

You can reply to me off list.

Thanks Emmett KZ5I

1705. Re: [nrd-525-535] Re: FREQ. LIMITATION

Yahoo group: nrd-525-535
Date: 2008-03-31 08:39:47 UTC
From: QRV
Topic: 1696 Message: 1705

Hello,

This is the W1-W4 switch: http://pagesperso-orange.fr/geip/Images/NRD525/Tab/Tab3.gif
(on the http://pagesperso-orange.fr/geip/Logique.htm page).
Best regards,
Christophe
QRV@...
http://pagesperso-orange.fr/geip/NRD525En.htm

----- Original Message -----
From: gandalfg8@...m
To: nrd-525-535@yahoogroups.com
Sent: Sunday, March 30, 2008 12:54 PM
Subject: Re: [nrd-525-535] Re: FREQ. LIMITATION

In a message dated 30/03/2008 11:40:49 GMT Daylight Time, ka4prf@... writes:
Oops, - I thought there was a way, but didn't remember the W2 wire.

That's interesting, and looking at the CPU board schematic I can see four links W1 to W4, with W1 to W3 shown as linked and W4 open.
I couldn't see any reference to these in the manual.

Does anybody have a list of the effect of the various combinations and does anybody know why these options were available?

regards

Nigel
GM8PZR

1706. Re: [nrd-525-535] FREQ. LIMITATION

Yahoo group: nrd-525-535
Date: 2008-03-31 08:46:05 UTC
From: QRV
Topic: 1696 Message: 1706

Hello,

For all frequencies, close the W1 and W2 switch on the CPU card..
http://pagesperso-orange.fr/geip/Images/NRD525/Tab/Tab3.gif
(on the http://pagesperso-orange.fr/geip/Logique.htm page).
Best regards,
Christophe
QRV@...
http://pagesperso-orange.fr/geip/NRD525En.htm

----- Original Message -----
From: "Vojislav" <wox@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, March 29, 2008 10:58 PM
Subject: [nrd-525-535] FREQ. LIMITATION

> Hi,
>
> recently I got NRD-525 receiver, but surprisely it has frequency
> limitation 150kHz to 26.200MHz. Does anyone know how to spread freq. to
> full band?
>
> BR
> Voja
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

1707. RE: [nrd-525-535] WANTED: 12 VDC Cable for JRC-NRD-535

Yahoo group: nrd-525-535
Date: 2008-03-31 13:40:43 UTC
From: Notareal
Topic: 1704 Message: 1707

I have also searched for the cable and I have found that
a power cable which is used by many CB-radios fits quite well.
It is not perfectly the same but it works.
Checkout following link:
http://www.cbstation.co.uk/store/WsDefault.asp?Cat=POWERLEADS
Especially :
- 2 PIN RADIO POWER LEAD (cybernet)
and maybe also
2 PIN SQUARE LEAD

BR

> To: nrd-525-535@yahoogroups.com
> From: bear_77586@...
> Date: Mon, 31 Mar 2008 00:53:39 +0000
> Subject: [nrd-525-535] WANTED: 12 VDC Cable for JRC-NRD-535
>
> I am looking for the 12VDC cable for my JRC NRD-535D.
>
> You can reply to me off list.
>
> Thanks Emmett KZ5I
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

Discover the new Windows Vista
http://search.msn.com/results.aspx?q=windows+vista&mkt=en-US&form=QBRE

1708. BCW 243

Yahoo group: nrd-525-535
Date: 2008-04-01 12:00:56 UTC
From: giuseppefer
Topic: 1708 Message: 1708

I have a JRC 535 without the Band With control, and I am very curious
about how it works.
Is it really so efficient in cancelling interference during contest?
The speech remain clear and understandeble?
Anyone knows where is possible to buy it ?
Thanks Giuseppe

1709. Re: [nrd-525-535] BCW 243

Yahoo group: nrd-525-535
Date: 2008-04-02 00:43:38 UTC
From: Brian Denley
Topic: 1708 Message: 1709

Giuseppe:
It works very well. It is also computer controllable, giving you hundreds of bandwidths to choose from if you use your receiver that way. I have the 535DB version so the WIDE is controllable for about 6 KHz down to about 2 KHz and the INTER goes from 2 KHz down to about 500 Hz. Speech does exactly what you would expect if you lower the bandwidth: fidelity gets reduced as you reduce the bandwidth. These show up on Ebay once in a while.
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "giuseppefer" <giuseppefer@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, April 01, 2008 8:00 AM
Subject: [nrd-525-535] BCW 243

I have a JRC 535 without the Band With control, and I am very curious about how it works.
Is it really so efficient in cancelling interference during contest?
The speech remain clear and understandeble?
Anyone knows where is possible to buy it ?
Thanks Giuseppe

1710. NRD-535D Novice

Yahoo group: nrd-525-535
Date: 2008-04-12 19:37:58 UTC
From: philiptuck
Topic: 1710 Message: 1710

Hello,
Having just acquired a NRD-535D I have a couple of queries.
(I have looked in old posts and also I have a feeling the first one is obvious once it is answered - but here goes)

Firstly: Page 10 of the manual in the 'Notch Control' paragraph it states "The notch filter should never be used when receiving in the AM, or ECSS_LBS ECSS_USB modes" Why is this? As it does appear to make a differance if you do use it.

Second query is does anyone know the range of serial numbers against the year of manufacture? Mine is BR 68833.

Thanks
Phil

1711. Re: [nrd-525-535] NRD-535D Novice

Yahoo group: nrd-525-535
Date: 2008-04-12 21:50:20 UTC
From: John Dokulil
Topic: 1710 Message: 1711

Phil:

I'm in the process of moving, so my manual is not currently available to me for reference. But I believe what it means is...

You should NOT use the Notch Filter when using the ECSS while in AM mode. The ECSS needs to lock itself so it can be used in it's LSB and USB modes. If you use the Notch Filter while using the ECSS, the ECSS frequency lock can easily be broken (and usually is).

I use the Notch Filter frequently in AM mode and in many cases it works. But using it in conjunction with ECSS, tends to brake the ECSS's frequency lock and drops you back into full AM mode.

Hopefully some one can explain this better then I. But for now I hope that helps some.

John Dokulil
WDX6GMX

----- Original Message -----
From: philiptuck
To: nrd-525-535@yahoogroups.com
Sent: Saturday, April 12, 2008 11:37 AM
Subject: [nrd-525-535] NRD-535D Novice

Phil wrote...

.Page 10 of the manual in the 'Notch Control' paragraph it
states "The notch filter should never be used when receiving in the AM,
or ECSS_LBS ECSS_USB modes" Why is this? As it does appear to make a
differance if you do use it.
'-.-'---

1712. Re: NRD-535D Novice

Yahoo group: nrd-525-535
Date: 2008-04-12 22:14:18 UTC
From: philiptuck
Topic: 1710 Message: 1712

Thanks John,
Yes your right, I `ve seen the light now. Reading it again for the umpteenth time I see my initial confusion. I was blind to the `comma' between AM and ECSS-LBS. It is really saying don't use it in AM if you're in ECSS mode.

Anyone any info on the serial numbers?

Phil

--- In nrd-525-535@yahoogroups.com, "philiptuck" <follies@...> wrote:
>
> Hello,
> Having just acquired a NRD-535D I have a couple of queries.
> (I have looked in old posts and also I have a feeling the first one is
> obvious once it is answered - but here goes)
>
> Firstly: Page 10 of the manual in the 'Notch Control' paragraph it
> states "The notch filter should never be used when receiving in the AM,
> or ECSS_LBS ECSS_USB modes" Why is this? As it does appear to make a
> differance if you do use it.
>
> Second query is does anyone know the range of serial numbers against
> the year of manufacture? Mine is BR 68833.
>
> Thanks
> Phil
>

1713. Re: NRD-535D Novice

Yahoo group: nrd-525-535
Date: 2008-04-13 00:33:56 UTC
From: Chuck Yarbrough
Topic: 1710 Message: 1713

Hi Phil--You might want to look in the Database section of this group. I have created (several years ago) a place where everyone can list the history, features, and serial number of their JRC rigs. Unfortunately I don't know of any official Serial#-->Manf. Date matrix. Anybody got a line on that one?

Also, if you (any group member) haven't 'registered' your rig in the database, please feel free to do so..

73s,
Chuck
KI4BZJ

--- In nrd-525-535@yahoogroups.com, "philiptuck" <follies@...> wrote:
>
> Hello,
> Having just acquired a NRD-535D I have a couple of queries.
> (I have looked in old posts and also I have a feeling the first one
is
> obvious once it is answered - but here goes)
>
> Firstly: Page 10 of the manual in the 'Notch Control' paragraph it
> states "The notch filter should never be used when receiving in the
AM,
> or ECSS_LBS ECSS_USB modes" Why is this? As it does appear to make
a
> differance if you do use it.
>
> Second query is does anyone know the range of serial numbers
against
> the year of manufacture? Mine is BR 68833.
>
> Thanks
> Phil
>

1714. Re: NRD-535D Novice

Yahoo group: nrd-525-535
Date: 2008-04-13 06:30:01 UTC
From: philiptuck
Topic: 1710 Message: 1714

Thanks Chuck, I had already seen that (I added mine last night)
It was the fact that there was only one higher number in the list
made me wonder.
I think it was made near the end of the run based on that.

Phil

Regards
Pjil
--- In nrd-525-535@yahoogroups.com, "Chuck Yarbrough" <wampus@...>
wrote:
>
> Hi Phil--You might want to look in the Database section of this
> group. I have created (several years ago) a place where everyone
can
> list the history, features, and serial number of their JRC rigs.
> Unfortunately I don't know of any official Serial#-->Manf. Date
> matrix. Anybody got a line on that one?
>
> Also, if you (any group member) haven't 'registered' your rig in
the
> database, please feel free to do so..
>
> 73s,
> Chuck
> KI4BZJ
>
>
> --- In nrd-525-535@yahoogroups.com, "philiptuck" <follies@> wrote:
> >
> > Hello,
> > Having just acquired a NRD-535D I have a couple of queries.
> > (I have looked in old posts and also I have a feeling the first
one
> is
> > obvious once it is answered - but here goes)
> >
> > Firstly: Page 10 of the manual in the 'Notch Control' paragraph
it
> > states "The notch filter should never be used when receiving in
the
> AM,
> > or ECSS_LBS ECSS_USB modes" Why is this? As it does appear to
make
> a

> > differance if you do use it.
> >
> > Second query is does anyone know the range of serial numbers
> against
> > the year of manufacture? Mine is BR 68833.
> >
> > Thanks
> > Phil
> >
>

1715. CFL-243 Bandwidth Control Unit. I would like to exchange for a CMF-78 ECSS Unit

Yahoo group: nrd-525-535
Date: 2008-04-13 09:39:25 UTC
From: kevjarvis22
Topic: 1715 Message: 1715

Hello,

Would anyone on list be interested in exchanging one for one, there CMF-78ECSS Unit, for my CFL-243 Bandwidth Control Unit? It is in perfect working order.

Regards. Kev.

1716. Re: [nrd-525-535] Re: NRD-535D Novice

Yahoo group: nrd-525-535
Date: 2008-04-13 13:59:14 UTC
From: Bill Cotter
Topic: 1710 Message: 1716

Phil,

I have a JRC NRD-535D (sn# 68918). I bought used several years ago, when it was said to be 2yrs old from a gentleman who had just received one of the brand new JRC NRD-545 receivers. I paid him $850, which I thought was a very decent price considering the list price.

I had KIWA add all their modifications, and have the German 6kHz (70.455mHz IF) crystal filter installed. My main usage is listening to Middle Eastern music in the 31M, 41M, and 49m bands. It has been a very good performing receiver, the best of SW receivers out of many I have ever owned.

73 Bill N4LG

At 02:30 AM 4/13/2008, you wrote:

>Thanks Chuck, I had already seen that (I added mine last night)
>It was the fact that there was only one higher number in the list
>made me wonder.
>I think it was made near the end of the run based on that.
>
>Phil
>
>Regards
>Pjil
>--- In
><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com,
>"Chuck Yarbrough" <wampus@...>
>wrote:
> >
> > Hi Phil--You might want to look in the Database section of this
> > group. I have created (several years ago) a place where everyone
>can
> > list the history, features, and serial number of their JRC rigs.
> > Unfortunately I don't know of any official Serial#-->Manf. Date
> > matrix. Anybody got a line on that one?
> >
> > Also, if you (any group member) haven't 'registered' your rig in
>the
> > database, please feel free to do so..
> >
> > 73s,
> > Chuck
> > KI4BZJ

> >
> >
> > --- In
> <mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com,
> "philiptuck" <follies@> wrote:
> > >
> > > Hello,
> > > Having just acquired a NRD-535D I have a couple of queries.
> > > (I have looked in old posts and also I have a feeling the first
>one
> > is
> > > obvious once it is answered - but here goes)
> > >
> > > Firstly: Page 10 of the manual in the 'Notch Control' paragraph
>it
> > > states "The notch filter should never be used when receiving in
>the
> > AM,
> > > or ECSS_LBS ECSS_USB modes" Why is this? As it does appear to
>make
> > a
> > > differance if you do use it.
> > >
> > > Second query is does anyone know the range of serial numbers
> > against
> > > the year of manufacture? Mine is BR 68833.
> > >
> > > Thanks
> > > Phil
> > >
> >
>
>

1717. Collins filter

Yahoo group: nrd-525-535
Date: 2008-04-14 22:02:57 UTC
From: Ivan Dias
Topic: 1717 Message: 1717

Hello!!!

I am thinking about buying a F455FD25 (455kHz/2.5kHz) Collins filter to replace the original narrow filter with this filter.

I never opened my receiver, then I have some questions:

Is it possible to replace the original filter with this filter?

I have enough knowledge to do it, but is there a "correct" way to do this job? Any kind of "manual"?

Thanks in advance for your attention!

73

Ivan Dias - Sorocaba/SP
Membro do DX Clube do Brasil
Junte-se à nossa família
www.ondascurtas.com

1718. Collins filter - NRD525

Yahoo group: nrd-525-535
Date: 2008-04-14 22:03:45 UTC
From: Ivan Dias
Topic: 1718 Message: 1718

Hello!!!

I am thinking about buying a F455FD25 (455kHz/2.5kHz) Collins filter to replace the original narrow filter with this filter.

I never opened my receiver, then I have some questions:

Is it possible to replace the original filter with this filter?

I have enough knowledge to do it, but is there a "correct" way to do this job? Any kind of "manual"?

Thanks in advance for your attention!

73

Ivan Dias - Sorocaba/SP
Membro do DX Clube do Brasil
Junte-se à nossa família
www.ondascurtas.com

1719. Introduction

Yahoo group: nrd-525-535
Date: 2008-04-15 15:20:29 UTC
From: Harry
Topic: 8 Message: 1719

Hello group,
I'm now the very proud owner of a NRD-525. As an antenna I use a RF systems DX-One about twentyfive meters above the ground. It all works very well I think. Does anybody know how you can test if everything is OK (frequencies??).
Thanks.
Harry van Rijn
The Hague
The Netherlands

1720. Re: Collins filter - NRD525

Yahoo group: nrd-525-535
Date: 2008-04-18 16:12:45 UTC
From: Vojislav
Topic: 1718 Message: 1720

Hi Ivan,

better way is put it in empty place for OPTION NARR filter. But be careful about in/out impedance, JRC needs 600 Ohm, I think.

73!
voja

--- In nrd-525-535@yahoogroups.com, "Ivan Dias" <ivan_sorocaba@...> wrote:
>
> Hello!!!
>
> I am thinking about buying a F455FD25 (455kHz/2.5kHz) Collins filter to replace the original narrow filter with this filter.
>
> I never opened my receiver, then I have some questions:
>
> Is it possible to replace the original filter with this filter?
>
> I have enough knowledge to do it, but is there a "correct" way to do this job? Any kind of "manual"?
>
> Thanks in advance for your attention!
>
> 73
>
> Ivan Dias - Sorocaba/SP
> Membro do DX Clube do Brasil
> Junte-se à nossa família
> www.ondascurtas.com
>

1721. It is difficult but possible to find someone to fix a NRD 505

Yahoo group: nrd-525-535
Date: 2008-04-19 10:46:50 UTC
From: r8ejw
Topic: 1721 Message: 1721

Bonjour / Hello to the lovers of the JRC receivers. As you could see in the pictures of this site, my NRD 505 was faulty, because the seller made a bad packaging and so the vernier was shocked during the transportation by mail between Germany and France. During several monthes, nobody accepted to try to fix this old receiver. Some enterprises said it was TOO OLD, others said the modular technology is TOO DIFFICULT to be easily fixed, etc...

And after having contacting many enterprises in my town, and in my area, and in the capitale of France, I was lucky to find ONE enterprise which was able to accept to look for what is the problem in my old receiver (name is G.E.S. meaning Generale Electronique Services).

So, I posted my package to this French enterprise located close to Paris, and today I received my good old JRC fixed !! So I am happy. Price for fixing the mechanical trouble is 241 euros.

My advice for all people who want to sell their NRD 505 (on ebay for example) is to do a STRONG packaging, to have all protection possible for the vernier. Others parts are not fragile, but what is behind the the vernier is VERY fragile ! 73's to all from FRANCE.

1722. CFh 36

Yahoo group: nrd-525-535
Date: 2008-04-19 21:41:11 UTC
From: ka4prf@peoplepc.com
Topic: 1722 Message: 1722

Hi all,

I am looking for a new or used CFH 36 IF filter board for the NRD525. If you have this board and would like to sell it, please send me an email at ka4prf@...

Thanks

Chuck

1723. FS: RS232 card for JRC NRD-525

Yahoo group: nrd-525-535
Date: 2008-04-20 16:19:27 UTC
From: christophe525
Topic: 1723 Message: 1723

There is a RS-232 card for JRC NRD-525 receiver on e-bay :

http://cgi.ebay.fr/Carte-RS-232-card-pour-recepteur-JRC-NRD-525-receiver_W0QQitemZ110245184771QQihZ001QQcategoryZ87283QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

1724. JRC items for sale.

Yahoo group: nrd-525-535
Date: 2008-04-21 15:49:27 UTC
From: Chuck Yarbrough
Topic: 1724 Message: 1724

Sorry for the commercial interruption, but I have the following items for sale.

JRC NRD-535d HF Receiver (ser # 57730) with 1kHz and .5kHz filters installed. Also has the frequency stabilizer oven installed. Users and Service Manual included.. Asking US$850.00

JRC NVA-319 Speaker (matches 535 and 545). With original box. Asking US$200.00

JRC CMH-530 RTTY Demodulator Board and CKJ-61 RTTY Demodulator LED Indicator. Asking US$100.00

HOKA Code 300-32 RTTY Decoder Version 3.02. Includes software CD, Manual, Mousepad, and Parallel Port dongle. Asking US$350.00

Stridsberg HF Receiver Multicoupler MCA104 (4-port active) with box. Asking US$175.00

All items are from a non-smoking environment and are in excellent condition (I can provide pictures). Prices do not include shipping. Please contact at wampus@nc.rr.com if interested.

Thanks
Chuck KI4BZJ

1725. Re: JRC items for sale.

Yahoo group: nrd-525-535
Date: 2008-04-23 00:07:57 UTC
From: ortfmic
Topic: 1724 Message: 1725

Group,

If you don't know Chuck, just know that he's a good guy. I bought a
Kenwood R-5000 SW receiver from Chuck about 8 years ago and he was,
and is, a decent guy with whom to do business.

Chuck,

I now have an NRD-525 and also recently got my General license so
maybe we'll hear each other on the air.

73,
Tom
KJ4AJX

--- In nrd-525-535@yahoogroups.com, "Chuck Yarbrough" <wampus@...> wrote:
>
> Sorry for the commercial interruption, but I have the following items
> for sale.
>
> JRC NRD-535d HF Receiver (ser # 57730) with 1kHz and .5kHz filters
> installed. Also has the frequency stabilizer oven installed. Users
> and Service Manual included.. Asking US$850.00
>
> JRC NVA-319 Speaker (matches 535 and 545). With original box. Asking
> US$200.00
>
> JRC CMH-530 RTTY Demodulator Board and CKJ-61 RTTY Demodulator LED
> Indicator. Asking US$100.00
>
> HOKA Code 300-32 RTTY Decoder Version 3.02. Includes software CD,
> Manual, Mousepad, and Parallel Port dongle. Asking US$350.00
>
> Stridsberg HF Receiver Multicoupler MCA104 (4-port active) with box.
> Asking US$175.00
>
> All items are from a non-smoking environment and are in excellent
> condition (I can provide pictures). Prices do not include shipping.
> Please contact at wampus@... if interested.
>
> Thanks
> Chuck KI4BZJ
>

1726. Frequency setting using tuning control

Yahoo group: nrd-525-535
Date: 2008-04-24 18:48:30 UTC
From: leviticus19749
Topic: 1726 Message: 1726

A new owner of such an advanced RX, a little overawed and still getting used to operating it. I would like to tune through the MW at the 9Khz European spacing using this control. Is it possible to set the tuning control to different increments?

1727. Re: Clock setting difficulty on NRD-525

Yahoo group: nrd-525-535
Date: 2008-04-24 18:53:50 UTC
From: leviticus19749
Topic: 1671 Message: 1727

--- In nrd-525-535@yahoogroups.com, "Bill Clarke" <casinosnoop@...> wrote:
>
> I am a "newbie" to the 525 for I received my radio today. I am
> following the clock setting instructions to the "T" on page 18 of the
> owner's manual. I key in the time that I want Clock 1 to display, but
> when I press the ENT/kHz to store my entry, the display reverts back to
> the previous time on the clock display for Clock 1 when I get the beep
> tone. I tried to set it numerous times to no avail. What could I be
> doing wrong? I just don't understand for I am ususally pretty good with
> this digital clock stuff. I could use some help.
>
> I am new to this Group and look forward to learning about my new
> receiver. I bought this receiver as a backup to my Icom R-9000. So far
> except for the clock problem it seems to be a nice little receiver.
>
> Regards,
>
> Bill C.
> Norwich, CT 06360
>
Check that the POWER/TIMER switch is in the correct position - look at
the small picture to the left of page 18 of the user manual. It seems
to be set to the POWER setting.

Alan
South Yorkshire, U.K.

1728. WTB OR TRADE FOR RECEIVER

Yahoo group: nrd-525-535
Date: 2008-04-27 11:56:02 UTC
From: w8btm45231
Topic: 1728 Message: 1728

I HAVE A NICE AL-80A AMP 160 THRU 10 METERS
PUT'S OUT 850 TO 900 WATTS VERY CLEAN
I'M LOOKING FOR A NICE RECEIVER (DRAKE, AOR ,KENWOOD ,ICOM
STATE YOUR PRICE AND CONDITION, MODS DONE.
IF YOU LIVE IN OH,KY,MI,OR IN I CAN DRIVE HALF WAY TO MEET YOU FOR THE
TRADE.
TNX

Tim McGraw
N8YI, WPE8KHZ Cincinnati,Oh

1730. JRC NRD-525 CMK-165 VHF-UHF Converter Ebay Auction

Yahoo group: nrd-525-535
Date: 2008-05-08 01:33:56 UTC
From: scanfan123
Topic: 1730 Message: 1730

I can't get the link to work that points towards an Ebay auction for a CMK-165 VHF-UHF converter. Just search under JRC NRD-525 and it'll pop up. The auction runs until May 11, 2008 17:00 PST. Thanks

1731. Needed: "downloadable" manual for the 535

Yahoo group: nrd-525-535
Date: 2008-05-09 17:34:31 UTC
From: drchuck9792
Topic: 1731 Message: 1731

Hello Everyone,

Unless I am missing something in the files section, I cannot find a
535 manual. Any help would be appreciated.

Chuck

1732. Re: [nrd-525-535] Needed: "downloadable" manual for the 535

Yahoo group: nrd-525-535
Date: 2008-05-09 18:09:31 UTC
From: gandalfg8@aol.com
Topic: 1731 Message: 1732

In a message dated 09/05/2008 18:35:29 GMT Daylight Time,
radiorookie@... writes:

Unless I am missing something in the files section, I cannot find a
535 manual. Any help would be appreciated.

Are you looking for user manual or service manual?
I've not found a service manual online but do have a pdf copy of the user
manual that I can email to you, it's just over 3.5MB.
The schematics are in the group files section.

regards

Nigel
GM8PZR

1733. Re: [nrd-525-535] Needed: "downloadable" manual for the 535

Yahoo group: nrd-525-535
Date: 2008-05-09 19:10:09 UTC
From: Radiorookie
Topic: 1731 Message: 1733

Hi,

Thanks for your reply. Actually I am looking for the users manual.
(Instruction manual)

I would appreciate it very much. (I have high speed digital service -
so size is fine)

Thanks you,

Chuck

gandalfg8@... wrote:
>
> In a message dated 09/05/2008 18:35:29 GMT Daylight Time,
> radiorookie@... writes:
>
> Unless I am missing something in the files section, I cannot find a
> 535 manual. Any help would be appreciated.
>
> --------------
> Are you looking for user manual or service manual?
> I've not found a service manual online but do have a pdf copy of the
> user manual that I can email to you, it's just over 3.5MB.
> The schematics are in the group files section.
>
> regards
>
> Nigel
> GM8PZR
>
>

1734. Re: Nrd-525 manual for Hannu OH3KW

Yahoo group: nrd-525-535
Date: 2008-05-09 23:21:32 UTC
From: gandalfg8@aol.com
Topic: 1734 Message: 1734

In a message dated 09/05/2008 20:39:14 GMT Daylight Time,
hannu.miettnen@... writes:

I have NRD-525 that needs som service. Error is propably easy (no power)
but it is difficult to fix with out shema. If You have shema, can You
send that with eMail.

73 Hannu
OH3KW

Hi Hannu

Many thanks for your email, I tried to reply directly but my email was
returned as "user not known".

You will find the user and service manuals for the NRD-525, including
schematics, in the files section of this group.
Also there are the schematics for the NRD-535 should you ever need them.

If anyone has the NRD-535 service manual in electronic format I'd be
grateful for a copy.

regards

Nigel
GM8PZR

1735. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2008-05-10 02:04:18 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 1735

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Manuals/JRC_NRD535_Instruction_manual.pdf
Uploaded by : brian_denley <b.denley@...>
Description : Fair copy of NRD-535 User Manual

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Manuals/JRC_NRD535_Instruction_manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

brian_denley <b.denley@...>

1736. Re: [nrd-525-535] Needed: "downloadable" manual for the 535

Yahoo group: nrd-525-535
Date: 2008-05-10 02:06:04 UTC
From: Brian Denley
Topic: 1731 Message: 1736

Nigel:
I just put a 'fair' copy (it's readable but not very good resolution) of the user manual in the Files section but if yours is better, why not file it there?
Brian Denley
http://home.comcast.net/~b.denley/index.html
----- Original Message -----
From: <gandalfg8@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, May 09, 2008 2:09 PM
Subject: Re: [nrd-525-535] Needed: "downloadable" manual for the 535

>
> In a message dated 09/05/2008 18:35:29 GMT Daylight Time,
> radiorookie@... writes:
>
> Unless I am missing something in the files section, I cannot find a
> 535 manual. Any help would be appreciated.
>
>
>
> --------------
> Are you looking for user manual or service manual?
> I've not found a service manual online but do have a pdf copy of the user
> manual that I can email to you, it's just over 3.5MB.
> The schematics are in the group files section.
>
> regards
>
> Nigel
> GM8PZR
>
>
>
>
>

1737. Re: [nrd-525-535] Needed: "downloadable" manual for the 535

Yahoo group: nrd-525-535
Date: 2008-05-10 09:44:19 UTC
From: gandalfg8@aol.com
Topic: 1731 Message: 1737

In a message dated 10/05/2008 03:06:24 GMT Daylight Time,
b.denley@... writes:

Nigel:
I just put a 'fair' copy (it's readable but not very good resolution) of the user manual in the Files section but if yours is better, why not file it there?
Brian Denley

Hi Brian

I didn't file mine earlier because it's a 3.6MB file and as far as I know there's still a 20MB limit on Yahoo groups posted files, so that's quite a big lump out of the total.

Gotta agree though that it's a good idea:-)

Mine isn't very good resolution either but I will take a look at yours and compare them, it might be possible to reduce the size anyway without further loss of quality.

regards

Nigel
GM8PZR

1738. Re: [nrd-525-535] Needed: "downloadable" manual for the 535

Yahoo group: nrd-525-535
Date: 2008-05-10 10:20:48 UTC
From: gandalfg8@aol.com
Topic: 1731 Message: 1738

In a message dated 10/05/2008 03:06:24 GMT Daylight Time,
b.denley@... writes:

Nigel:
I just put a 'fair' copy (it's readable but not very good resolution) of the
user manual in the Files section but if yours is better, why not file it
there?

Hi Brian

I've just taken a look at the copy you've posted and it's the same one that
I have.
I tried using Acrobat to reduce the file size but that resulted in very
little reduction so it's not really worth worth doing.

However, I have just noticed from the files page that the limit is now
100MB, so my 20MB concerns were obviously well out of date anyway:-)

regards

Nigel
GM8PZR

1739. CMH-532: possibility to read out receiver settings?

Yahoo group: nrd-525-535
Date: 2008-05-10 18:13:02 UTC
From: greendog_de
Topic: 1739 Message: 1739

Hi there!

I have a NRD-525 with a CMH-532 and i can control the receiver with my computer using a terminal program, everything works fine.

But is there a possibility to read out all the receiver settings (frequency, bandwith, filter...)?

In the manual:

"Every time « H1 » is sent to the receiver, the data which indicating present receiver status(frequency, mode, bandwidth, AGC, attenuator,memory channel N°.) are sent back once to the controller."

But in my terminal nothing arrives :(

Any suggestions? Maybe i misunderstand the manual due of i'm not english native speaker?

Kind regards from Germany,
Thorsten

1740. Re: CMH-532: possibility to read out receiver settings?

Yahoo group: nrd-525-535
Date: 2008-05-12 19:34:57 UTC
From: daddeldu29
Topic: 1739 Message: 1740

Hello Thorsten,

there is a very good software available by DD4GB to control the NRD-525. You find it here: http://www.trifid-nebula.de/nrd525/index.html

This SW can read out all settings, save and restore different settings.

Gregor is very helpfull and will answer you questions.

73 de Axel, DG3AL

--- In nrd-525-535@yahoogroups.com, "greendog_de" <greendog_de@...> wrote:
>
> Hi there!
>
> I have a NRD-525 with a CMH-532 and i can control the receiver with my
> computer using a terminal program, everything works fine.
>
> But is there a possibility to read out all the receiver settings
> (frequency, bandwith, filter...)?
>
> In the manual:
>
> "Every time « H1 » is sent to the receiver, the data which indicating
> present receiver status(frequency, mode, bandwidth, AGC,
> attenuator,memory channel N°.) are sent back once to the controller."
>
> But in my terminal nothing arrives :(
>
> Any suggestions? Maybe i misunderstand the manual due of i'm not
> english native speaker?
>
> Kind regards from Germany,
> Thorsten
>

1741. Re: [nrd-525-535] Re: CMH-532: possibility to read out receiver settings?

Yahoo group: nrd-525-535
Date: 2008-05-12 20:17:10 UTC
From: asmagal@fc.up.pt
Topic: 1739 Message: 1741

Hello, all!

Is there any similar software for the NRD-535D?

Thanks and kind regards,

Antonio/CT1TE

Quoting daddeldu29 <dg3al@...>:

> Hello Thorsten,
>
> there is a very good software available by DD4GB to control the NRD-
> 525. You find it here: http://www.trifid-nebula.de/nrd525/index.html
>
> This SW can read out all settings, save and restore different
> settings.
>
> Gregor is very helpfull and will answer you questions.
>
> 73 de Axel, DG3AL
>
>
> --- In nrd-525-535@yahoogroups.com, "greendog_de" <greendog_de@...>
> wrote:
>>
>> Hi there!
>>
>> I have a NRD-525 with a CMH-532 and i can control the receiver with
> my
>> computer using a terminal program, everything works fine.
>>
>> But is there a possibility to read out all the receiver settings
>> (frequency, bandwith, filter...)?
>>
>> In the manual:
>>
>> "Every time « H1 » is sent to the receiver, the data which
> indicating
>> present receiver status(frequency, mode, bandwidth, AGC,
>> attenuator,memory channel N°.) are sent back once to the
> controller."
>>
>> But in my terminal nothing arrives :(
>>
>> Any suggestions? Maybe i misunderstand the manual due of i'm not

>> english native speaker?
>>
>> Kind regards from Germany,
>> Thorsten
>>
>
>
>

A FCUP utiliza o sistema open source de webmail Horde/IMP (www.horde.org)
Visite: http://www.fc.up.pt/ http://info.fc.up.pt/

1742. Re: [nrd-525-535] Re: CMH-532: possibility to read out receiversettings?

Yahoo group: nrd-525-535
Date: 2008-05-13 01:39:30 UTC
From: Brian Denley
Topic: 1739 Message: 1742

There is a number of good programs that will control the NRD-535. Any specific features you are looking for?
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: <asmagal@...>
To: <nrd-525-535@yahoogroups.com>; "daddeldu29" <dg3al@...>
Sent: Monday, May 12, 2008 4:17 PM
Subject: Re: [nrd-525-535] Re: CMH-532: possibility to read out receiversettings?

Hello, all!

Is there any similar software for the NRD-535D?

Thanks and kind regards,

Antonio/CT1TE

1743. Re: [nrd-525-535] Re: CMH-532: possibility to read out receiversettings?

Yahoo group: nrd-525-535
Date: 2008-05-13 09:49:56 UTC
From: asmagal@fc.up.pt
Topic: 1739 Message: 1743

Hello Brian et alii:

I would like to make wide band (2 to 30 MHz) scanning
by steps of 5 KHz, very fast (.05sec/step).

Do you think that it can be made?

Thanks,

Antonio/CT1TE

Quoting Brian Denley <b.denley@...>:

> There is a number of good programs that will control the NRD-535. Any
> specific features you are looking for?
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>
>
> ----- Original Message -----
> From: <asmagal@...>
> To: <nrd-525-535@yahoogroups.com>; "daddeldu29" <dg3al@...>
> Sent: Monday, May 12, 2008 4:17 PM
> Subject: Re: [nrd-525-535] Re: CMH-532: possibility to read out
> receiversettings?
>
>
> Hello, all!
>
> Is there any similar software for the NRD-535D?
>
> Thanks and kind regards,
>
> Antonio/CT1TE
>
>
>

A FCUP utiliza o sistema open source de webmail Horde/IMP (www.horde.org)
Visite: http://www.fc.up.pt/ http://info.fc.up.pt/

1744. Re: CMH-532: possibility to read out receiver settings?

Yahoo group: nrd-525-535
Date: 2008-05-13 18:24:15 UTC
From: greendog_de
Topic: 1739 Message: 1744

Thanks Axel for this link, i know this software already. But reading
out of receiver settings is not working. Maybe a failure on my CHM-532.

But good to know, that reading out is possible :)

Thorsten

>
> Hello Thorsten,
>
> there is a very good software available by DD4GB to control the NRD-
> 525. You find it here: http://www.trifid-nebula.de/nrd525/index.html
>
> This SW can read out all settings, save and restore different
> settings.
>
> Gregor is very helpfull and will answer you questions.
>
> 73 de Axel, DG3AL

1745. Re: CMH-532: possibility to read out receiver settings?

Yahoo group: nrd-525-535
Date: 2008-05-14 16:17:38 UTC
From: daddeldu29
Topic: 1739 Message: 1745

Hello Thorsten,

can you program the station memory via the front panel? Does the NRD remember the settings? As far as I remember, all settings are kept in RAM and this is backed by a Lithium battery, which has a limited lifetime (~ 10 years).

Can you read other settings like frequency etc.?

73 de Axel, DG3AL

1746. Re-Paint.

Yahoo group: nrd-525-535
Date: 2008-05-17 22:16:10 UTC
From: ka4prf@peoplepc.com
Topic: 1746 Message: 1746

Hi everyone.

I'd like to touch-up my NRD'S cover. There's a few marks. Anyone know the paint color's name and where I can find a spray can of it?

Chuck

1747. Interesting Item on eBay

Yahoo group: nrd-525-535
Date: 2008-05-18 00:04:30 UTC
From: drchuck9792
Topic: 1747 Message: 1747

There is a 525 from an estate which has a RCA plugged wire coming from the back of the radio (out of the accessory antenna plug) Anyone seen a mod that would require that?

Thanks

Chuck

1748. Re: Interesting Item on eBay

Yahoo group: nrd-525-535
Date: 2008-05-18 00:50:04 UTC
From: toptyp19
Topic: 1747 Message: 1748

Hi Chuck-
I have a 525 that years ago I ran a shielded audio cable to the DC input jack, (which I disconnected), from the 455 IF tap point in the receiver so I could hook up my SE-3. I think Sherwood suggested this method. My guess is that the original owner didn't want to eliminate the DC input or drill any holes so he just ran a separate cable out any convenient spot.
Joe.

--- In nrd-525-535@yahoogroups.com, "drchuck9792" <radiorookie@...> wrote:
>
> There is a 525 from an estate which has a RCA plugged wire coming from
> the back of the radio (out of the accessory antenna plug) Anyone seen
> a mod that would require that?
>
> Thanks
>
> Chuck
>

1749. Re: [nrd-525-535] Re: Interesting Item on eBay

Yahoo group: nrd-525-535
Date: 2008-05-18 00:54:40 UTC
From: Radiorookie
Topic: 1747 Message: 1749

Thanks for the input. I assume, then, the SE3 just takes one RCA plug
to operate. If so You're surely correct.

Chuck

toptyp19 wrote:
>
> Hi Chuck-
> I have a 525 that years ago I ran a shielded audio cable to the DC input
> jack, (which I disconnected), from the 455 IF tap point in the
> receiver so I could hook up my SE-3. I think Sherwood suggested
> this method. My guess is that the original owner didn't want to
> eliminate the DC input or drill any holes so he just ran a separate
> cable out any convenient spot.
> Joe.
>
> --- In nrd-525-535@yahoogroups.com
> <mailto:nrd-525-535%40yahoogroups.com>, "drchuck9792"
> <radiorookie@...> wrote:
> >
> > There is a 525 from an estate which has a RCA plugged wire coming from
> > the back of the radio (out of the accessory antenna plug) Anyone seen
> > a mod that would require that?
> >
> > Thanks
> >
> > Chuck
> >
>
>

1750. Re: Interesting Item on eBay

Yahoo group: nrd-525-535
Date: 2008-05-18 01:18:32 UTC
From: toptyp19
Topic: 1747 Message: 1750

Yep-
The SE-3 has a self-contained AC power supply and audio amp. You then hook up your speaker to the SE-3 via another RCA female connector.
Joe.

--- In nrd-525-535@yahoogroups.com, Radiorookie <radiorookie@...> wrote:
>
> Thanks for the input. I assume, then, the SE3 just takes one RCA plug
> to operate. If so You're surely correct.
>
> Chuck
>
> toptyp19 wrote:
> >
> > Hi Chuck-
> > I have a 525 that years ago I ran a shielded audio cable to the DC input
> > jack, (which I disconnected), from the 455 IF tap point in the
> > receiver so I could hook up my SE-3. I think Sherwood suggested
> > this method. My guess is that the original owner didn't want to
> > eliminate the DC input or drill any holes so he just ran a separate
> > cable out any convenient spot.
> > Joe.
> >
> > --- In nrd-525-535@yahoogroups.com
> > <mailto:nrd-525-535%40yahoogroups.com>, "drchuck9792"
> > <radiorookie@> wrote:
> > >
> > > There is a 525 from an estate which has a RCA plugged wire coming from
> > > the back of the radio (out of the accessory antenna plug) Anyone seen
> > > a mod that would require that?
> > >
> > > Thanks
> > >
> > > Chuck
> > >
> >
> >
>

1751. Re: CMH-532: possibility to read out receiver settings?

Yahoo group: nrd-525-535
Date: 2008-05-18 11:28:09 UTC
From: greendog_de
Topic: 1739 Message: 1751

Hi,

the Problem was a failure in the control chip. I replaced the chip and
now everything works fine :)

Thanks a lot for the answers!

Thorsten

1752. SWBC Schedules Updated

Yahoo group: nrd-525-535
Date: 2008-05-20 02:45:16 UTC
From: Robert Sillett
Topic: 1752 Message: 1752

Revision #6 to the SWBC A08 Schedules has been posted to the Shortwave Log web site. Revision #6 includes updates to Radio Farda, VOA, BBC, Deutsche Welle, Radio Netherlands, IRIN Radio, Radio Romania International, and Radio Sweden International as well as the addition of scores more stations in this revision.

There are now a total of 9641 schedules in this revision. Ernest Riley has to be thanked for his tireless work in compiling the schedules and keeping them updated. While we can import the SWBC Schedules with a mouse click,

The SWBC Schedules are natively supported by Shortwave Log. Additional proprietary formats are also included for RxWings, Ham Radio Deluxe, and the discontinued ILGRadio dBASE III+ format. The schedules are distributed in industry-standard XML format, so they can be manipulated by pretty much any database or spreadsheet program to suit specific needs.

SWLog also natively supports the NRD-525 and NRD-535 with traditional control functions plus the ability to publich the 525 or 535 to the Internet via a web page.

The SWBC Schedules and Shortwave Log can be downloaded from http://www.shortwavelog.com.

73s

Bob Sillett, N3OEA

1753. NRD535DG + KIWA-Mods + selective Antenna on ebay

Yahoo group: nrd-525-535
Date: 2008-05-24 08:48:38 UTC
From: eckrot
Topic: 1753 Message: 1753

Hi,

if anyone is interested in: I sell my NRD535DG with several KIWA-Mods
and a selective antenna (second original NRD HF-Card, controlled out
of the NRD, and several transformers in the antenna head).
For details see:
http://cgi.ebay.de/NRD535DG-KIWA-Mods-Selektivantenne_W0QQitemZ140234973803QQihZ004QQcateg
oryZ11282QQssPageNameZWDVWQQrdZ1QQcmdZViewItem
(auction No. 140234973803).
Foreign bidders are welcome, please ask for shipping cost.

73

Eckhard

1754. Re: [nrd-525-535] SWBC Schedules Updated

Yahoo group: nrd-525-535
Date: 2008-06-02 19:01:55 UTC
From: Patrick Garner
Topic: 1752 Message: 1754

Thanks, Bob. Very helpful email.
Pat

On May 19, 2008, at 10:45 PM, Robert Sillett wrote:

> Revision #6 to the SWBC A08 Schedules has been posted to the Shortwave
> Log web site. Revision #6 includes updates to Radio Farda, VOA, BBC,
> Deutsche Welle, Radio Netherlands, IRIN Radio, Radio Romania
> International, and Radio Sweden International as well as the addition
> of scores more stations in this revision.
>
> There are now a total of 9641 schedules in this revision. Ernest
> Riley has to be thanked for his tireless work in compiling the
> schedules and keeping them updated. While we can import the SWBC
> Schedules with a mouse click,
>
> The SWBC Schedules are natively supported by Shortwave Log.
> Additional proprietary formats are also included for RxWings, Ham
> Radio Deluxe, and the discontinued ILGRadio dBASE III+ format. The
> schedules are distributed in industry-standard XML format, so they can
> be manipulated by pretty much any database or spreadsheet program to
> suit specific needs.
>
> SWLog also natively supports the NRD-525 and NRD-535 with traditional
> control functions plus the ability to publich the 525 or 535 to the
> Internet via a web page.
>
> The SWBC Schedules and Shortwave Log can be downloaded from
> http://www.shortwavelog.com.
>
> 73s
>
> Bob Sillett, N3OEA
>
>
>

Patrick C. Garner Co.
109 Whitney Street
Northboro, MA 01532 USA

1755. CBO-232 card for NRD-525

Yahoo group: nrd-525-535
Date: 2008-06-17 20:24:37 UTC
From: caladonia5560
Topic: 1755 Message: 1755

For sale: One CBO-232, an after-market RS-232 card for the NRD-525, $89 plus shipping. Includes card, cables, and instructions as provided in the original kit.

I purchased this a few years ago from the manufacturer and it has been tested in my NRD-525. With this card you can control your receiver with a RS-232 terminal or computer. Software not included. For specs see:

http://pagesperso-orange.fr/geip/CBO232En.htm

Please contact me off-group if interested.

Les Layton
Las Vegas, NV

1757. Re: [nrd-525-535] nrd 535d ser, 57609

Yahoo group: nrd-525-535
Date: 2008-06-25 18:00:51 UTC
From: gandalfg8@aol.com
Topic: 1756 Message: 1757

In a message dated 25/06/2008 17:56:08 GMT Daylight Time,
kengi3zsc@... writes:

help needed by senior for where i can acquire operating manual for
above,tnx

It's available for download from the "Files" section of the group archives.
Look under "Manuals" for the file "JRC-NRD535 Instruction_Manual.pdf"

regards

Nigel
GM8PZR

1759. SWBC A08 Rev. 8 and SWLog Build 3127 Released

Yahoo group: nrd-525-535
Date: 2008-07-25 01:36:23 UTC
From: Robert Sillett
Topic: 1759 Message: 1759

Revision 8 of the A08 SWBC Schedules has been posted to the Shortwave Log web site. The SWBC schedules are published in industry-standard XML format and also come in variants of the defunct ILGRadio format.

Shortwave Log Build 3127 has also been posted and has several improvements to RCS (Radio Control Server) and the QSL module.

SWLog and its RCSweb interface allows for a receiver to be put on the Internet with either the IIS or Cassini web servers. RCS works with the NRD-525 and NRD-535 and allows the receiver to be published on the web or just controlled normally over the serial port.

http://www.shortwavelog.com

73s

Bob, N3OEA

1760. Need CMH-532

Yahoo group: nrd-525-535
Date: 2008-07-30 20:56:47 UTC
From: Greg Hemmings
Topic: 1760 Message: 1760

This is my first post to the group, as I just purchased my first NRD-525! Unfortunatley, it does not have a serial port. Does any one know where I can get a CMH-532 serial card and how hard is it to install?

1761. Re: Need CMH-532

Yahoo group: nrd-525-535
Date: 2008-07-30 21:28:45 UTC
From: Dave Vaughan
Topic: 1760 Message: 1761

You might want to snoop around on this web site:

http://pagesperso-orange.fr/geip/CBO232En.htm

Don't know if he still sells the kits or not.

If he does, you might post it to this site, there may be others also interested.

Dave Vaughan

--- In nrd-525-535@yahoogroups.com, Greg Hemmings <greghemmings@...> wrote:
>
> This is my first post to the group, as I just purchased my first NRD-525!
> Unfortunatley, it does not have a serial port. Does any one know where I can
> get a CMH-532 serial card and how hard is it to install?
>

1762. Hi to all - and a request!!

Yahoo group: nrd-525-535
Date: 2008-07-30 21:33:01 UTC
From: muanait
Topic: 1762 Message: 1762

Hi to all group members.
I'm very happy to join the group. I've just bought a 535 in very good condition. Not the D version unfortunately. Still is a lovely rig to operate though. And looks great also! Hopin to pick up some tips from the group and in time to give something in return.

I know that accessories are very hard to find BUT I was hoping somebody might have filters to sell. Hopefully CFL-231(300hz) / CFL-232 (500hz) filters.

Thanks for reading!

Batt (Wexford, Ireland)

1763. Re: Hi to all - and a request!!

Yahoo group: nrd-525-535
Date: 2008-07-31 20:21:03 UTC
From: rhblumeng
Topic: 1762 Message: 1763

--- In nrd-525-535@yahoogroups.com, "muanait" <breelane@...> wrote:

> I know that accessories are very hard to find BUT I was hoping somebody
> might have filters to sell. Hopefully CFL-231(300hz) / CFL-232 (500hz)
> filters.
You might like to look at Rob Sherwood's web site:

http://www.sherweng.com

Rob is an expert on JRC equipment (among other things) and sells some
filters for the 535. He has some CW filters that he says are better
than JRC's due to shape factor.

Hope that helps, Bob

1764. 545

Yahoo group: nrd-525-535
Date: 2008-08-03 14:21:13 UTC
From: r8ejw
Topic: 840 Message: 1764

Hello to the group.
I need advice of a NRD 545 owner.
I would like to know if it is more easy to understand the voices of a weak AM radio station with a 545 than with another JRC. I never heard an AM signal with a DSP receiver. On internet, a lot a video demonstrations are allways in SSB.

So, if you have a 545 and a normal 535 for example (without the KIWA modification that provides an improvement in intelligibility), listen to a tropical AM signal in 4 MHz band and tell me if there is really a difference between the sound of the two receivers (with headphones).

Thanks.
73's.

1765. Scan Function

Yahoo group: nrd-525-535
Date: 2008-08-03 19:47:01 UTC
From: Greg Hemmings
Topic: 1765 Message: 1765

Just purchased my 525 and want to use the scan function. I set scan start at memory channel 1 and scan end at memory channel 40. I pushed run and the word run lights up but the display doesn't change! It stays on channel 1. Shouldn't the display change numbers as the scan proceeds??

1766. Re: Scan Function

Yahoo group: nrd-525-535
Date: 2008-08-04 16:11:52 UTC
From: daddeldu29
Topic: 1765 Message: 1766

Hello Greg,

I assume that you programmed the channels, otherwise it won't work.
But the 525 is very slow in scanning. If the PBS/SPEED control is
turned to the left, it takes 20 or 30 seconds per channel. Even if it
if turned fully clockwise, it takes 1 or 2 seconds per channel. It is
not nearly as fast as a 'real' scanner.

Maybe you were not patient enough?

Axel, DG3AL

--- In nrd-525-535@yahoogroups.com, "Greg Hemmings"
<greghemmings@...> wrote:
>
> Just purchased my 525 and want to use the scan function. I set
> scan start at memory channel 1 and scan end at memory channel 40. I
> pushed run and the word run lights up but the display doesn't
change!
> It stays on channel 1. Shouldn't the display change numbers as the
> scan proceeds??
>

1767. Re: Scan Function

Yahoo group: nrd-525-535
Date: 2008-08-05 21:41:00 UTC
From: Greg Hemmings
Topic: 1765 Message: 1767

Axel,

Thanks for the help! That was exactly the problem as I had it set for the slowest speed. I have to say, this is a GREAT receiver! This is the first JRC I have owned, and would love to find a 545 eventually!

Greg Hemmings N4WVE
greghemmings@...

1768. Re: Scan Function

Yahoo group: nrd-525-535
Date: 2008-08-05 21:52:27 UTC
From: Greg Hemmings
Topic: 1765 Message: 1768

Alex,

That was exactly the problem! I had the speed turned all the way down.
By the way, this is a GREAT receiver! I would love to eventually get a 545!

Thanks,

Greg Hemmings N4WVE
greghemmings@...

1769. Re: Hi to all - and a request!!

Yahoo group: nrd-525-535
Date: 2008-08-06 18:31:04 UTC
From: muanait
Topic: 1762 Message: 1769

--- In nrd-525-535@yahoogroups.com, "rhblumeng" <blum.robert1@...>
wrote:
>
> --- In nrd-525-535@yahoogroups.com, "muanait" <breelane@> wrote:
>
> > I know that accessories are very hard to find BUT I was hoping
somebody
> > might have filters to sell. Hopefully CFL-231(300hz) / CFL-232
(500hz)
> > filters.
> You might like to look at Rob Sherwood's web site:
>
> http://www.sherweng.com
>
> Rob is an expert on JRC equipment (among other things) and sells
some
> filters for the 535. He has some CW filters that he says are better
> than JRC's due to shape factor.
>

Thanks Bob,

I emailed Rob Sherwood as you suggested. He emailed back almost
immediately! With a very helpful reply.He suggests that the board is
modified to take alternative 500hz filters. As I live in Ireland I
think the cost of transporting (securely) the board would make it
very uneconomical for me to do this. If I was in the US it would be a
great source of help to have someone like Rob around!

Thanks again Bob. In the meantime I'm enjoying the 535 as is!

Batt

> Hope that helps, Bob
>

1770. Dipole to the 525

Yahoo group: nrd-525-535
Date: 2008-08-24 02:48:05 UTC
From: ortfmic
Topic: 1770 Message: 1770

Hello group,

Last winter, my ham radio Elmer gave me a 40 meter, twin lead-line dipole antenna that has 80 meter traps; and because of covenant restrictions, I installed the antenna in the attic.

Ordinarily, that antenna is attached to my HF transceiver but today I attached it to the JRC NRD-525. Wow! It really opened up the 525. Prior, I was using the Palstar AA30 active antenna on the 525 and it performed well, but the dipole (set to Hi-Z on the back of the radio) just gave it life.

I think my HF transceiver needs to find another antenna.

Regards,
Tom KJ4AJX

1771. Re: [nrd-525-535] Dipole to the 525

Yahoo group: nrd-525-535
Date: 2008-08-24 03:16:09 UTC
From: gandalfg8@aol.com
Topic: 1770 Message: 1771

In a message dated 24/08/2008 03:48:33 GMT Daylight Time, ortfmic@...
writes:

Last winter, my ham radio Elmer gave me a 40 meter, twin lead-line
dipole antenna that has 80 meter traps; and because of covenant
restrictions, I installed the antenna in the attic.

Ordinarily, that antenna is attached to my HF transceiver but today I
attached it to the JRC NRD-525. Wow! It really opened up the 525.
Prior, I was using the Palstar AA30 active antenna on the 525 and it
performed well, but the dipole (set to Hi-Z on the back of the radio)
just gave it life.

I think my HF transceiver needs to find another antenna.

I have an AA30 and it's the worst active antenna I've owned, mine is
unstable and oscillates all over the place.

If your dipole is that good on the transceiver and on the 525, why not just
add some switching to share the antenna between the two??

regards

Nigel
GM8PZR

1772. Re: [nrd-525-535] Dipole to the 525

Yahoo group: nrd-525-535
Date: 2008-08-24 11:40:16 UTC
From: Patrick Garner
Topic: 1770 Message: 1772

Tom,
What's the brand name for the dipole antenna?
Pat

1773. Re: Dipole to the 525

Yahoo group: nrd-525-535
Date: 2008-08-24 12:14:48 UTC
From: ortfmic
Topic: 1770 Message: 1773

Pat,

I don't know the brand of the antenna. My Elmer had it for many years and it was strung up between a couple of trees on his property. It was coiled up in a box in his shop when he offered it to me. It has some weathering to it, but it works.

My transceiver is now connected to a Par End-Fedz 40-20-10 antenna and it's an excellent antenna. You might consider the Par Electronics EF-SWL antenna (Universal Radio sells them) for your radio. Check them out on eham (http://www.eham.net/reviews/detail/3707?page=2).

73,
Tom KJ4AJX

--- In nrd-525-535@yahoogroups.com, Patrick Garner <patrickgarner@...> wrote:
>
> Tom,
> What's the brand name for the dipole antenna?
> Pat
>

1774. Re: [nrd-525-535] Re: Dipole to the 525

Yahoo group: nrd-525-535
Date: 2008-08-24 12:48:28 UTC
From: Patrick Garner
Topic: 1770 Message: 1774

Thanks, Tom. I just ordered the Par antenna after reading reviews. I don't know how this one escaped me, but sounds marvelous. Many thanks,
Pat

On Aug 24, 2008, at 8:14 AM, ortfmic wrote:

> Pat,
>
> I don't know the brand of the antenna. My Elmer had it for many years
> and it was strung up between a couple of trees on his property. It was
> coiled up in a box in his shop when he offered it to me. It has some
> weathering to it, but it works.
>
> My transceiver is now connected to a Par End-Fedz 40-20-10 antenna and
> it's an excellent antenna. You might consider the Par Electronics
> EF-SWL antenna (Universal Radio sells them) for your radio. Check them
> out on eham (http://www.eham.net/reviews/detail/3707?page=2).
>
> 73,
> Tom KJ4AJX
>
> --- In nrd-525-535@yahoogroups.com, Patrick Garner <patrickgarner@...>
> wrote:
> >
> > Tom,
> > What's the brand name for the dipole antenna?
> > Pat
> >
>
>
>

Patrick C. Garner Co.
109 Whitney Street
Northboro, MA 01532 USA
508-393-3200

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·´¯`·.¸. , . .·´¯`·.. ><((((º>`·.¸¸.·´¯`·.¸¸.·´¯`·...¸><((((º>

1775. Re: Dipole to the 525

Yahoo group: nrd-525-535
Date: 2008-08-24 13:39:20 UTC
From: ortfmic
Topic: 1770 Message: 1775

Pat,

Very cool. The Par antennas are also very stealthy. The coax connector end of the antenna is attached to my window frame and runs out to a tree in my backyard and no one can see it unless I point it out to them.

Let us know how it works for you.

73
Tom KJ4AJX

--- In nrd-525-535@yahoogroups.com, Patrick Garner <patrickgarner@...> wrote:
>
> Thanks, Tom. I just ordered the Par antenna after reading reviews. I
> don't know how this one escaped me, but sounds marvelous. Many thanks,
> Pat
>
> On Aug 24, 2008, at 8:14 AM, ortfmic wrote:
>
> > Pat,
> >
> > I don't know the brand of the antenna. My Elmer had it for many years
> > and it was strung up between a couple of trees on his property. It was
> > coiled up in a box in his shop when he offered it to me. It has some
> > weathering to it, but it works.
> >
> > My transceiver is now connected to a Par End-Fedz 40-20-10 antenna and
> > it's an excellent antenna. You might consider the Par Electronics
> > EF-SWL antenna (Universal Radio sells them) for your radio. Check them
> > out on eham (http://www.eham.net/reviews/detail/3707?page=2).
> >
> > 73,
> > Tom KJ4AJX
> >
> > --- In nrd-525-535@yahoogroups.com, Patrick Garner <patrickgarner@>
> > wrote:
> > >
> > > Tom,
> > > What's the brand name for the dipole antenna?
> > > Pat
> > >
> >
> >
> >
> >
>

> Patrick C. Garner Co.
> 109 Whitney Street
> Northboro, MA 01532 USA
> 508-393-3200
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> .·´¯`·.¸. , . .·´¯`·.. ><((((º>`·.¸¸.·´¯`·.¸.·´¯`·...¸><((((º>
>

1776. POSS OT, CGA-26 VFO CONVERTOR BOARD

Yahoo group: nrd-525-535
Date: 2008-08-24 16:01:45 UTC
From: Mikewhiskyone@aol.com
Topic: 1776 Message: 1776

Hi, can anyone give me an idea of the purpose of the CGA-26 VFO convertor board, I am not sure if it is for the 525/535, or the earlier 505 or 515, hence the OT bit, I have just got one from an SK sale and wonder as to its purpose, Dave MW1DUJ.

1777. Re: [nrd-525-535] POSS OT, CGA-26 VFO CONVERTOR BOARD

Yahoo group: nrd-525-535
Date: 2008-08-24 17:33:38 UTC
From: gandalfg8@aol.com
Topic: 1776 Message: 1777

In a message dated 24/08/2008 17:02:05 GMT Daylight Time,
Mikewhiskyone@... writes:

Hi, can anyone give me an idea of the purpose of the CGA-26 VFO convertor board, I am not sure if it is for the 525/535, or the earlier 505 or 515, hence the OT bit, I have just got one from an SK sale and wonder as to its purpose,

---
Hi Dave

Nothing matches, as far as I can tell, for the 525 or 535 but have no service info on the others.

JRC did seem to use very similar boards at times in a variety of products so it may be from some of their professional kit.

regards

Nigel
GM8PZR

1778. Re: POSS OT, CGA-26 VFO CONVERTOR BOARD

Yahoo group: nrd-525-535
Date: 2008-08-25 10:57:24 UTC
From: g3vvt@aol.com
Topic: 1776 Message: 1778

Hi Dave,

The CGA-26D transceiver VFO converter board was used with the NRD-505 receiver. Did a Google on the item and shows up in the USA Universal Radio site. Was pretty sure it was not used in the NRD-515 as I have the matching pair NRD-515 receiver and NSD-515 transmitter. The NRD-505 did have also a matching transmitter the NSD-505 and can only suppose that this may have been connected with that use.

With the NRD-515/NSD-515 combination there are problems when used in transceiver mode as the two IF do not match up. The RX up converts with the VFO above the 1st IF frequency of 70.455MHz and then down converts to a 455kHz IF via a roofing filter. The NSD-515 TX uses a 8.700MHz IF and the methods of conversion up or down to the working frequency are totally different. There is some juggling internally within both the radios to allow this with a common VFO frequency on the link between the them of 2.455 to 3.4549 MHz according to the block diagrams.

The NSD-505 TX can be used with the NRD-515, though there is no mention of the CGA-26D being required for this application.

There were only 5 known NSD-515 being imported into the UK by Lowe Electronics according to David who worked for them in the past. Not sure if there were any imported privately or how many of the NSD-505 came in.

Regards,
Bob, G3VVT

1779. I wish to send messages to members . . .

Yahoo group: nrd-525-535
Date: 2008-08-28 02:02:18 UTC
From: Stan Shankman
Topic: 1779 Message: 1779

(empty email)

1780. NRD 25 PCB connectors,

Yahoo group: nrd-525-535
Date: 2008-09-02 20:43:13 UTC
From: Temtu
Topic: 1780 Message: 1780

Team,

I have produced a PCB to create an NRD-525 extender board.

I need a set of four connectors that are apparently no longer manufactured.

The Hirose part numbers for these 22 pin connectors are PCN6-22PA-2.5DS and EC1C-22P-2.5DSA.

Please contact me if you can help in one of the following ways:

1-- If you have a set of these 4 connectors, allow me to give you a PCB "free-of-charge" so that you can mount and create the extender board; then agree to let me use it here and there a few days at a time. I will pay a $50 returnable security to you during the days I use the extender board. OR...

2-- If you have these set of these 4 connectors, let me buy them from you outright. OR...

3--If none of above is acceptable but you still have a set of 4 connectors or something functionally similar to CMH-365, let me hear your suggestions. :))

Thanks and regards,

Matt

temtu at comcast.net

1781. Re: [nrd-525-535] POSS OT, CGA-26 VFO CONVERTOR BOARD

Yahoo group: nrd-525-535
Date: 2008-09-05 23:40:28 UTC
From: Chuck
Topic: 1776 Message: 1781

Dave,

Why do you need four (4) connectors?

Chuck

----- Original Message -----
From: gandalfg8@...
To: nrd-525-535@yahoogroups.com
Sent: Sunday, August 24, 2008 18:33
Subject: Re: [nrd-525-535] POSS OT, CGA-26 VFO
CONVERTOR BOARD

In a message dated 24/08/2008 17:02:05 GMT
Daylight Time, Mikewhiskyone@... writes:
Hi, can anyone give me an idea of the purpose
of the CGA-26 VFO convertor board, I am not sure
if it is for the 525/535, or the earlier 505 or
515, hence the OT bit, I have just got one from an
SK sale and wonder as to its purpose,

Hi Dave

Nothing matches, as far as I can tell, for the
525 or 535 but have no service info on the others.

JRC did seem to use very similar boards at times
in a variety of products so it may be from some of
their professional kit.

regards

Nigel
GM8PZR

1782. NRD-535D No Signal

Yahoo group: nrd-525-535
Date: 2008-09-08 04:28:35 UTC
From: Rex Yeung
Topic: 1782 Message: 1782

Hi Group,

One day when my NRD-535D switch on and Nothing receive , even some strong signal , It is working before .

I am connect my NRD-535D with IC-751A to the antenna through a antenna manual switch.

I guess could be my transmitter or the surge damage the receiver

Can any body give me some idea

Rex Yeung

1783. Re: [nrd-525-535] NRD-535D No Signal

Yahoo group: nrd-525-535
Date: 2008-09-09 02:59:29 UTC
From: Brian Denley
Topic: 1782 Message: 1783

Rex:
Is the s-meter lit all the way up to +50db? You may have muted your
receiver (if you're lucky).
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Rex Yeung" <vr2kj@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, September 08, 2008 12:28 AM
Subject: [nrd-525-535] NRD-535D No Signal

Hi Group,

One day when my NRD-535D switch on and Nothing receive , even some
strong signal , It is working before .

I am connect my NRD-535D with IC-751A to the antenna through
a antenna manual switch.

I guess could be my transmitter or the surge damage the receiver

Can any body give me some idea

Rex Yeung

1784. Re: NRD-535D No Signal

Yahoo group: nrd-525-535
Date: 2008-09-09 09:08:14 UTC
From: Rex Yeung
Topic: 1782 Message: 1784

Hi, brian

I don't think which is the RF Gain is too far ,
The S meter is in S0 ,,,
I have a R71E damage before due to the protection diode is open
So , I suppose is the same problem,

Rex Yeung

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...>
wrote:
>
> Rex:
> Is the s-meter lit all the way up to +50db? You may have muted
your
> receiver (if you're lucky).
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>
> ----- Original Message -----
> From: "Rex Yeung" <vr2kj@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Monday, September 08, 2008 12:28 AM
> Subject: [nrd-525-535] NRD-535D No Signal
>
>
> Hi Group,
>
> One day when my NRD-535D switch on and Nothing receive , even some
> strong signal , It is working before .
>
> I am connect my NRD-535D with IC-751A to the antenna through
> a antenna manual switch.
>
> ---
> I guess could be my transmitter or the surge damage the receiver
>
>
> Can any body give me some idea
>
>
> Rex Yeung

1785. Re: [nrd-525-535] NRD-535D No Signal

Yahoo group: nrd-525-535
Date: 2008-09-09 20:34:38 UTC
From: Bill Cotter
Topic: 1782 Message: 1785

Rex,

Is the antenna selector in the correct position? If not, the
receiver will appear deaf.

73 Bill N4LG

At 12:28 AM 9/8/2008, you wrote:

>Hi Group,
>
>One day when my NRD-535D switch on and Nothing receive , even some
>strong signal , It is working before .
>
>I am connect my NRD-535D with IC-751A to the antenna through
>a antenna manual switch.
>
>--
>I guess could be my transmitter or the surge damage the receiver
>
>Can any body give me some idea
>
>Rex Yeung
>
>

1786. JRC NRD-515 - Replacement of relays Nais-Matsushita

Yahoo group: nrd-525-535
Date: 2008-09-17 13:33:21 UTC
From: mam020032003
Topic: 1786 Message: 1786

Hi all,
I need to replace in my NRD-515 two relays (K1 and K2) that are NAIS MATSUSHITA mod. HB1E-DC12V (dip matching 16 pins IC socket) that are no longer in production.
Does someone knows if there are equivalent relay with the pins connected in the same way?
You can even reply to me off list.
Thanks.
Marco I1GTE

1787. Re: JRC NRD-515 - Replacement of relays Nais-Matsushita

Yahoo group: nrd-525-535
Date: 2008-09-18 15:19:22 UTC
From: g3vvt@aol.com
Topic: 1786 Message: 1787

Hi Marco,

Your question on the Yahoo NRD-525-535 group site:

Hi all,
I need to replace in my NRD-515 two relays (K1 and K2) that are NAIS
MATSUSHITA mod. HB1E-DC12V (dip matching 16 pins IC socket) that are
no longer in production.
Does someone knows if there are equivalent relay with the pins
connected in the same way?

Even though I have and use daily the JRC NRD-515 (and the matching NSD-515
TX) have not had to approach changing the relays in the NRD-515 and not heard
of any problems with them.
Firstly have you tried cleaning them? I used strips of paper with non
residue switch cleaner on the contacts in the NSD-515 TX which has many relays used
for the band switching. This was entirely successful though quite a
laborious job with the TX due to where some relays were located involving a complete
dismantling of the radio. Since then has worked fine. Made up a small hooked
tool for removing the plastic lids of the relays in difficult locations out
of hard drawn copper antenna wire.
Has been OK since as the problem was originally possibly due to lack of
usage of the relays.

However if all this fails I have recently had a similar problem with the
Yaesu FT-480R where the double pole antenna/TX +V supply changeover failed.
Again this relay made by Fujitsu was obsolete and to make matters worse the pin
layout for the relay coil was different than all found currently manufactured.
All relays now have the relay coil as the end two pins and these used the
inner two! Ended up using the Fujitsu FBR46 series (also available from Nais)
and modifying the printed board to accommodate. These are available from many
suppliers including RS and CPC in the UK. The two switched contacts came out
in the same position though the switch wiper and coil were reversed. The
format/spacing again is the same as DIL. For details see: _http://rswww.com _
(http://rswww.com/) for order code 352-373 (for single pole use FBR211 series,
RS order code 348-510). The length of the relay was less which allowed 4 new
holes to be drilled in the PCB mainly in blank areas to allow the relay to
be fitted and hard wired. Starting to write up the details for Mods. DK of the
procedure.

Have also had to do the same with an earlier Yaesu HF transceiver which may
have been the FT-902 where a better relay was available from Maplin in the
UK, but had totally different pin outs/spacing.

Will have to have a look at the NRD-515 manual to see what the problems may
be with doing the same with that radio. Hope there will be no need to open my

own NRD-515 up in the near future though.

Try the cleaning process first if not already tried, but do not use a switch cleaner with lubricant included as that will damage the operation of the switch. In my earlier days I did this with a telephone PABX that used many relays with disastrous results!

Regards,
Bob, G3VVT

1788. TWRA Range for October 18th

Yahoo group: nrd-525-535
Date: 2008-09-26 21:11:45 UTC
From: mdcalvert@aol.com
Topic: 1788 Message: 1788

I have reserved the pistol range at the TWRA range (Volunteer) for Saturday,October 18, from 0800 until 1300. Virgil is putting the info in the current/next bulletin.

I have sent/faxed the range office a copy of my current NRA credentials showing that I am a current certified Range Safety Officer and Pistol Instructor.

George, Dave and Lee: Please fax a copy of your current NRA card to the range at (865) 594-6280, ATTN: Shaun Ramsey. (Tommy Whitehead has been promoted and is no longer at the range.)

Jeff: Please let me know if I need to do something for the post-match cookout.

Does anyone know who has the targets left over from last year? We should have plenty, as I recall. If no one knows where they are, I will order a box. Please call me to let me know about the targets -- whether or not you have them or know who does. Home is 865-482-3736, Cell is 865-607-3032.

If anyone has an 'ALMAR' email list for the detachment, feel free to pass this email along to the members.

Doug Calvert

**********Looking for simple solutions to your real-life financial challenges? Check out WalletPop for the latest news and information, tips and calculators. (http://www.walletpop.com/?NCID=emlcntuswall00000001)

1789. Re: [nrd-525-535] TWRA Range for October 18th

Yahoo group: nrd-525-535
Date: 2008-09-26 22:22:56 UTC
From: gandalfg8@aol.com
Topic: 1788 Message: 1789

Is this SPAM, or just someone who doesn't know how to use his address book?

In a message dated 26/09/2008 22:13:26 GMT Daylight Time, mdcalvert@...
writes:

have reserved the pistol range at the TWRA range (Volunteer) for
Saturday,October 18, from 0800 until 1300. Virgil is putting the info in the
current/next bulletin.

I have sent/faxed the range office a copy of my current NRA credentials
showing that I am a current certified Range Safety Officer and Pistol Instructor.

George, Dave and Lee: Please fax a copy of your current NRA card to the
range at (865) 594-6280, ATTN: Shaun Ramsey. (Tommy Whitehead has been
promoted and is no longer at the range.)

Jeff: Please let me know if I need to do something for the post-match
cookout.

Does anyone know who has the targets left over from last year? We should
have plenty, as I recall. If no one knows where they are, I will order a box.
Please call me to let me know about the targets -- whether or not you have
them or know who does. Home is 865-482-3736, Cell is 865-607-3032.

If anyone has an 'ALMAR' email list for the detachment, feel free to pass
this email along to the members.

Doug Calvert

1790. NRD-535D receiver wanted

Yahoo group: nrd-525-535
Date: 2008-10-03 02:44:06 UTC
From: n7rak
Topic: 1790 Message: 1790

I am interested in buying an NRD-535D receiver in like new condition
and factory stock; prefer high serial number.

1791. Re: JRC NRD-515 - Replacement of relays Nais-Matsushita

Yahoo group: nrd-525-535
Date: 2008-10-12 01:33:48 UTC
From: vladdvorkin
Topic: 1786 Message: 1791

Hello Marco,

I had the same problem with HB1E-DC12V relays in my NRD-515 receiver.
I tried various contact cleaners, but eventually the original problem
would come back. So a couple years ago I replaced all four HB1E-DC12V
relays with a high quality Teledyne relays, part number: 712-12.

Please refer to the Teledyne website for the technical data:
http://www.teledynerelays.com/pdf/electromechanical/712.pdf }

These relays have flexible leads and it was easy to replace the
original relays. Please note these relays have two sets of a SPDT
switches, so the second set can be ignored or connected to ground.

You can also use Teledyne relays 411-12, which are a SPDT version of
the 712-12.

See:
http://www.teledynerelays.com/pdf/electromechanical/411.pdf

For me the choice was simple: I already had 712-12 relays from my
other projects.

I can send you a picture of my modifications. Just let me know.
I think the quality of original relays is not good. They are not RF
relays.

Best regards,
Vlad, kb9olm (San Francisco Bay Area)

--- In nrd-525-535@yahoogroups.com, "mam020032003" <marcogiunta2@...>
wrote:
>
> Hi all,
> I need to replace in my NRD-515 two relays (K1 and K2) that are NAIS
> MATSUSHITA mod. HB1E-DC12V (dip matching 16 pins IC socket) that are
> no longer in production.
> Does someone knows if there are equivalent relay with the pins
> connected in the same way?
> You can even reply to me off list.
> Thanks.
> Marco I1GTE
>

1792. JRC NRD-515 Receiver

Yahoo group: nrd-525-535
Date: 2008-10-12 09:11:56 UTC
From: bty87126473
Topic: 1792 Message: 1792

Hi - I am trying to get hold of a service manual for the above. Can anyone help? - Paul

1793. NVA-319 speaker for auction

Yahoo group: nrd-525-535
Date: 2008-10-12 18:26:17 UTC
From: Bill Carney
Topic: 1792 Message: 1793

If you are interested, the link to the auction is:
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=180298422373

Thanks,
Bill WC8GOP

1794. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2008-10-13 09:19:17 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 1794

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /NRD515 - Relay Mods/Relay mod of NRD515.pdf
Uploaded by : mam020032003 <marcogiunta2@...>
Description : Vlad KB9OLM - Pictures of relays replacement with Teledyne 712-12

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/NRD515%20-%20Relay%20Mods/Relay%20mod%20of%20NRD515.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

mam020032003 <marcogiunta2@...>

1795. RE: [nrd-525-535] JRC NRD-515 Receiver

Yahoo group: nrd-525-535
Date: 2008-10-14 13:32:04 UTC
From: Gottfried Specht
Topic: 1792 Message: 1795
Attachments: 1 described; binary payloads are missing from this source WARC

Paul,

Hope this is what you're looking for (has maintenance section and schematics).

kind regards,
Gottfried Specht

Gottfried Specht | Gottfried@... | *+49 211 151695*+49 151 1475 1258

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of bty87126473
Sent: Sonntag, 12. Oktober 2008 11:12
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] JRC NRD-515 Receiver

Hi - I am trying to get hold of a service manual for the above. Can anyone help? - Paul

1796. Re: JRC NRD-515 Receiver

Yahoo group: nrd-525-535
Date: 2008-10-15 10:13:12 UTC
From: bty87126473
Topic: 1792 Message: 1796

Gottfried, many thanks for responding to my request, unfortunately I
cannot see the attachment. Am I doing something wrong? - Regards Paul

--- In nrd-525-535@yahoogroups.com, "Gottfried Specht"
<Gottfried@...> wrote:
>
> Paul,
>
> Hope this is what you're looking for (has maintenance section and
> schematics).
>
> kind regards,
> Gottfried Specht
>
> Gottfried Specht | Gottfried@... | *+49 211 151695*+49 151
> 1475 1258
>
>
> _____
>
> From: nrd-525-535@yahoogroups.com [mailto:nrd-525-
535@yahoogroups.com] On
> Behalf Of bty87126473
> Sent: Sonntag, 12. Oktober 2008 11:12
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] JRC NRD-515 Receiver
>
>
>
> Hi - I am trying to get hold of a service manual for the above. Can
> anyone help? - Paul
>

1797. JRC Serial Numbers

Yahoo group: nrd-525-535
Date: 2008-10-16 14:03:18 UTC
From: bty87126473
Topic: 1797 Message: 1797

Hi - A reviewer on Eham said that the serial number of his NRD-515 indicates it was made in 1983. How is this worked out? He did not quote the number! - Paul

1798. Re: JRC Serial Numbers

Yahoo group: nrd-525-535
Date: 2008-10-21 02:51:21 UTC
From: driftermick
Topic: 1797 Message: 1798

--- In nrd-525-535@yahoogroups.com, "bty87126473" <prowting45-yaesu@...> wrote:
>
> Hi - A reviewer on Eham said that the serial number of his NRD-515
> indicates it was made in 1983. How is this worked out? He did not quote
> the number! - Paul
>

Hi Paul.

I don't know if this will help, but i just received a 515 that was owned by an uncle that died in 04. i know the history on this receiver, because i did the ordering from Universal for him. (he was bed ridden). i ordered this in May, 1982. i believe this was the second year for the 515. the nice people at Universal had to order it through an exporter in New York, right from Japan. took 6 weeks, and i was told it was made at order. the serial number is: "BR25263".

SO, if i look at the numbers-

B- may mean the second year.
R- means receiver.
2- means 1982.
5- means May.
263- number made that year.

now, is this correct? i don't know, but, it makes sence to me. my own 515 was new in 1983 and it starts out as "CR37301. so, i guess this kind of works for me. i have worked with the Japan unit of my company, and they are vary straight forward with the serial numbers we use. you got me thinking now, and i got to check this numbering out with JRC. i'll be in Japan, for 2 weeks the middle of Jan. next year. if i get a chance, i'll call or visit them, and see what the truth is. and post it here as there is no 515 group on yahoo.

Drifter...

1799. Re: JRC Serial Numbers

Yahoo group: nrd-525-535
Date: 2008-10-21 08:35:13 UTC
From: ortfmic
Topic: 1797 Message: 1799

Hello group,

I got my 525 last year from Universal Radio. The original owner had
penciled in interesting notes in the margins of the manual including
the serial number (43695) and purchase date (21 July 1988).

Tom

--- In nrd-525-535@yahoogroups.com, "driftermick" <driftermick@...> wrote:
>
> --- In nrd-525-535@yahoogroups.com, "bty87126473" <prowting45-
> yaesu@> wrote:
> >
> > Hi - A reviewer on Eham said that the serial number of his NRD-515
> > indicates it was made in 1983. How is this worked out? He did not
> quote
> > the number! - Paul
> >
>
> Hi Paul.
>
> I don't know if this will help, but i just received a 515
> that was owned by an uncle that died in 04. i know the history
> on this receiver, because i did the ordering from Universal
> for him. (he was bed ridden). i ordered this in May, 1982. i
> believe this was the second year for the 515. the nice people
> at Universal had to order it through an exporter in New York,
> right from Japan. took 6 weeks, and i was told it was made at
> order. the serial number is: "BR25263".
>
> SO, if i look at the numbers-
>
> B- may mean the second year.
> R- means receiver.
> 2- means 1982.
> 5- means May.
> 263- number made that year.
>
> now, is this correct? i don't know, but, it makes sence
> to me. my own 515 was new in 1983 and it starts out as
> "CR37301. so, i guess this kind of works for me. i have
> worked with the Japan unit of my company, and they are
> vary straight forward with the serial numbers we use.
> you got me thinking now, and i got to check this numbering
> out with JRC. i'll be in Japan, for 2 weeks the middle of
> Jan. next year. if i get a chance, i'll call or visit them,

> and see what the truth is. and post it here as there is no
> 515 group on yahoo.
>
> Drifter...
>

1800. Re: JRC Serial Numbers

Yahoo group: nrd-525-535
Date: 2008-10-21 10:01:45 UTC
From: Paul Lannuier
Topic: 1797 Message: 1800

I'm fairly certain that JRC serial numbers are not coded to indicate
the date of build, they're just incremental. I could be wrong, but
I've never heard otherwise from anyone at JRC in Japan.

Interesting correlation, though - my 535 is BR57745, and now I'm
wondering whether I got it in 1995... ;-)

73,
Paul WW2PT

1801. Re: JRC Serial Numbers

Yahoo group: nrd-525-535
Date: 2008-10-21 10:08:48 UTC
From: bty87126473
Topic: 1797 Message: 1801

--- In nrd-525-535@yahoogroups.com, "driftermick" <driftermick@...>
wrote:
>
> --- In nrd-525-535@yahoogroups.com, "bty87126473" <prowting45-
> yaesu@> wrote:
> >
> > Hi - A reviewer on Eham said that the serial number of his NRD-
515
> > indicates it was made in 1983. How is this worked out? He did not
> quote
> > the number! - Paul
> >
>
> Hi Paul.
>
> I don't know if this will help, but i just received a 515
> that was owned by an uncle that died in 04. i know the history
> on this receiver, because i did the ordering from Universal
> for him. (he was bed ridden). i ordered this in May, 1982. i
> believe this was the second year for the 515. the nice people
> at Universal had to order it through an exporter in New York,
> right from Japan. took 6 weeks, and i was told it was made at
> order. the serial number is: "BR25263".
>
> SO, if i look at the numbers-
>
> B- may mean the second year.
> R- means receiver.
> 2- means 1982.
> 5- means May.
> 263- number made that year.
>
> now, is this correct? i don't know, but, it makes sence
> to me. my own 515 was new in 1983 and it starts out as
> "CR37301. so, i guess this kind of works for me. i have
> worked with the Japan unit of my company, and they are
> vary straight forward with the serial numbers we use.
> you got me thinking now, and i got to check this numbering
> out with JRC. i'll be in Japan, for 2 weeks the middle of
> Jan. next year. if i get a chance, i'll call or visit them,
> and see what the truth is. and post it here as there is no
> 515 group on yahoo.
>
> Drifter...
>

Thanks for this Drifter - I like this explanation it fits in very well with your own knowledge of two units. My own unit is 'BR25385' and I have only just acquired this from a clearance dealer here in UK who had no history/knowledge/manuals/info for it. I am in touch with a gentleman from JRC in New Jersey and he may be able to provide some more info. If he does I will let you know if not I will wait and see if you come up with the info during your visit in 2009. None of this is really essential it's just nice to know!!

Paul

1802. Re: JRC Serial Numbers

Yahoo group: nrd-525-535
Date: 2008-10-21 13:07:05 UTC
From: bty87126473
Topic: 1797 Message: 1802

```
--- In nrd-525-535@yahoogroups.com, "driftermick" <driftermick@...>
wrote:
>
> --- In nrd-525-535@yahoogroups.com, "bty87126473" <prowting45-
> yaesu@> wrote:
> >
> > Hi - A reviewer on Eham said that the serial number of his NRD-
515
> > indicates it was made in 1983. How is this worked out? He did not
> quote
> > the number! - Paul
> >
>
> Hi Paul.
>
> I don't know if this will help, but i just received a 515
> that was owned by an uncle that died in 04. i know the history
> on this receiver, because i did the ordering from Universal
> for him. (he was bed ridden). i ordered this in May, 1982. i
> believe this was the second year for the 515. the nice people
> at Universal had to order it through an exporter in New York,
> right from Japan. took 6 weeks, and i was told it was made at
> order. the serial number is: "BR25263".
>
> SO, if i look at the numbers-
>
> B- may mean the second year.
> R- means receiver.
> 2- means 1982.
> 5- means May.
> 263- number made that year.
>
> now, is this correct? i don't know, but, it makes sence
> to me. my own 515 was new in 1983 and it starts out as
> "CR37301. so, i guess this kind of works for me. i have
> worked with the Japan unit of my company, and they are
> vary straight forward with the serial numbers we use.
> you got me thinking now, and i got to check this numbering
> out with JRC. i'll be in Japan, for 2 weeks the middle of
> Jan. next year. if i get a chance, i'll call or visit them,
> and see what the truth is. and post it here as there is no
> 515 group on yahoo.
>
> Drifter...
>I have just noticed in Universal's 'recently sold list' a 515 with
```

the serial number BR20323. So if the second digit is the month what is zero? The mystery deepens. - Paul

1803. Re: JRC Serial Numbers

Yahoo group: nrd-525-535
Date: 2008-10-21 13:12:47 UTC
From: driftermick
Topic: 1797 Message: 1803

--- In nrd-525-535@yahoogroups.com, "bty87126473" <prowting45-
yaesu@...> wrote:
>
> --- In nrd-525-535@yahoogroups.com, "driftermick" <driftermick@>
> wrote:
> >
> > --- In nrd-525-535@yahoogroups.com, "bty87126473" <prowting45-
> > yaesu@> wrote:
> > >
> > > Hi - A reviewer on Eham said that the serial number of his NRD-
> 515
> > > indicates it was made in 1983. How is this worked out? He did
not
> > quote
> > > the number! - Paul
> > >
> >
> > Hi Paul.
> >
> > I don't know if this will help, but i just received a 515
> > that was owned by an uncle that died in 04. i know the history
> > on this receiver, because i did the ordering from Universal
> > for him. (he was bed ridden). i ordered this in May, 1982. i
> > believe this was the second year for the 515. the nice people
> > at Universal had to order it through an exporter in New York,
> > right from Japan. took 6 weeks, and i was told it was made at
> > order. the serial number is: "BR25263".
> >
> > SO, if i look at the numbers-
> >
> > B- may mean the second year.
> > R- means receiver.
> > 2- means 1982.
> > 5- means May.
> > 263- number made that year.
> >
> > now, is this correct? i don't know, but, it makes sence
> > to me. my own 515 was new in 1983 and it starts out as
> > "CR37301. so, i guess this kind of works for me. i have
> > worked with the Japan unit of my company, and they are
> > vary straight forward with the serial numbers we use.
> > you got me thinking now, and i got to check this numbering
> > out with JRC. i'll be in Japan, for 2 weeks the middle of
> > Jan. next year. if i get a chance, i'll call or visit them,
> > and see what the truth is. and post it here as there is no

> > 515 group on yahoo.
> >
> > Drifter...
> >
> Thanks for this Drifter - I like this explanation it fits in very
> well with your own knowledge of two units. My own unit is 'BR25385'
> and I have only just acquired this from a clearance dealer here in
UK
> who had no history/knowledge/manuals/info for it. I am in touch
with
> a gentleman from JRC in New Jersey and he may be able to provide
some
> more info. If he does I will let you know if not I will wait and
see
> if you come up with the info during your visit in 2009. None of
this
> is really essential it's just nice to know!!
>
> Paul
>

Hi Paul.

As you said, nice to know. i believe every manuf has their
own set-up when it comes to serial numbers. Drake was the
best at this, i wish other had followed their lead. but, as
i said it's just a guess on my part. i wish there was a group
for the 515, i enjoy mine. i got "too many radios" here. but
of all my desk top receivers, the 515 feels like a real radio.
the metal box remindes me of my receivers from the 50's. old
tubers never die. BTW, i may be putting this second 515 on
the block. i really don't have the time to clean her up, and
maybe sent it for a line-up. it works good, but it needs a good
cleaning inside i'm sure. case is good, a few nicks or dings.
it has the delta mod and the extra filter. mine is stock, so
i don't know if the mods helped.

Drifter...

1804. Re: JRC Serial Numbers

Yahoo group: nrd-525-535
Date: 2008-10-21 22:06:35 UTC
From: bty87126473
Topic: 1797 Message: 1804

--- In nrd-525-535@yahoogroups.com, "bty87126473" <prowting45-
yaesu@...> wrote:
>
> --- In nrd-525-535@yahoogroups.com, "driftermick" <driftermick@>
> wrote:
> >
> > --- In nrd-525-535@yahoogroups.com, "bty87126473" <prowting45-
> > yaesu@> wrote:
> > >
> > > Hi - A reviewer on Eham said that the serial number of his NRD-
> 515
> > > indicates it was made in 1983. How is this worked out? He did
not
> > quote
> > > the number! - Paul
> > >
> >
> > Hi Paul.
> >
> > I don't know if this will help, but i just received a 515
> > that was owned by an uncle that died in 04. i know the history
> > on this receiver, because i did the ordering from Universal
> > for him. (he was bed ridden). i ordered this in May, 1982. i
> > believe this was the second year for the 515. the nice people
> > at Universal had to order it through an exporter in New York,
> > right from Japan. took 6 weeks, and i was told it was made at
> > order. the serial number is: "BR25263".
> >
> > SO, if i look at the numbers-
> >
> > B- may mean the second year.
> > R- means receiver.
> > 2- means 1982.
> > 5- means May.
> > 263- number made that year.
> >
> > now, is this correct? i don't know, but, it makes sence
> > to me. my own 515 was new in 1983 and it starts out as
> > "CR37301. so, i guess this kind of works for me. i have
> > worked with the Japan unit of my company, and they are
> > vary straight forward with the serial numbers we use.
> > you got me thinking now, and i got to check this numbering
> > out with JRC. i'll be in Japan, for 2 weeks the middle of
> > Jan. next year. if i get a chance, i'll call or visit them,
> > and see what the truth is. and post it here as there is no

> > 515 group on yahoo.
> >
> > Drifter...
> >
> Thanks for this Drifter - I like this explanation it fits in very
> well with your own knowledge of two units. My own unit is 'BR25385'
> and I have only just acquired this from a clearance dealer here in
UK
> who had no history/knowledge/manuals/info for it. I am in touch
with
> a gentleman from JRC in New Jersey and he may be able to provide
some
> more info. If he does I will let you know if not I will wait and
see
> if you come up with the info during your visit in 2009. None of
this
> is really essential it's just nice to know!!
>
> Paul

This was the reply from JRC.....
"I'm afraid JRC does not have any record for NRD-515. I'm sorry I
cannot help you with this".

>

1805. Re: JRC Serial Numbers

Yahoo group: nrd-525-535
Date: 2008-10-22 13:28:45 UTC
From: Paul Lannuier
Topic: 1797 Message: 1805

--- In nrd-525-535@yahoogroups.com, "bty87126473"
<prowting45-yaesu@...> wrote:

> I have just noticed in Universal's 'recently sold list' a 515 with
> the serial number BR20323. So if the second digit is the month what
> is zero?
>

Zero refers to the probability that JRC serial numbers are date-coded. ;-)

But seriously... they're just sequential numbers. I have one of the
last NRD-525 receivers produced, it's serial number is BR4xxxx. I know
for a fact that it was not made in 1984, and they stopped producing
the 525 long before 1994.

Paul WW2PT

1807. NRD 525 - still a good buy??

Yahoo group: nrd-525-535
Date: 2008-10-31 15:14:37 UTC
From: thegropermk2
Topic: 1807 Message: 1807

I have never owned a JRC and am looking for some advice. I have been offered a 525 for about 400 pounds sterling. Given that the last one was was produced about 15 years ago I just wonder if it would be a good move. All advice greatly appreciated.

Regards Ian

1808. Re: {Disarmed} [nrd-525-535] NRD 525 - still a good buy??

Yahoo group: nrd-525-535
Date: 2008-10-31 15:32:41 UTC
From: Manfred Antar
Topic: 1807 Message: 1808

At 08:14 10/31/2008, thegropermk2 wrote:

>I have never owned a JRC and am looking for some advice. I have been
>offered a 525 for about 400 pounds sterling. Given that the last one
>was was produced about 15 years ago I just wonder if it would be a good
>move. All advice greatly appreciated.

I sold one about 5 years ago for about $500.00 US, It had all the options too
400 pounds seems like a bit too much to me.

==================================
|| null@... ||
|| Ph. (415) 681-6235 ||
==================================

--
This message has been scanned for viruses and
dangerous content by MailScanner, and is
believed to be clean.

1809. Re: [nrd-525-535] NRD 525 - still a good buy??

Yahoo group: nrd-525-535
Date: 2008-10-31 16:12:43 UTC
From: gandalfg8@aol.com
Topic: 1807 Message: 1809

In a message dated 31/10/2008 15:15:27 GMT Standard Time,
ianmaclennan@tiscali.co.uk writes:

I have never owned a JRC and am looking for some advice. I have been
offered a 525 for about 400 pounds sterling. Given that the last one
was was produced about 15 years ago I just wonder if it would be a good
move.

I would still consider the 525 to be a good buy but think it would have to
be very special to warrant £400, I've seen 535s sell for less than that.
I paid just under £300 for mine a few years ago and would have thought a
good one should go for between £250 and £300.
As always though it depends on supply and demand.

From my archive, here's some UK Ebay examples this year...
April, Silent key sale, one owner from new and original box -- £315
July, Good condition, VHF converter fitted -- £337
August, Very good condition -- £170

Condition comments as stated in the auctions.
Don't know what happened with the last one, perhaps a qiet patch with folks
on holiday, it certainly looked good in the photo.

regards

Nigel
GM8PZR

1810. Re: NRD 525 - still a good buy??

Yahoo group: nrd-525-535
Date: 2008-10-31 17:00:02 UTC
From: toptyp19
Topic: 1807 Message: 1810

Hello Ian-

It's a fine radio. I have two, fully filtered. Stock I think
400 pounds is too much. You can do better on eBay. My first I
bought new in '88. Still no problems. The second I bought on
eBay last year for 400 dollars US. Obviously, I paid full price
for the first which as I remember was about 1200 dollars at the time.

Joe.

--- In nrd-525-535@yahoogroups.com, "thegropermk2" <ianmaclennan@...>
wrote:
>
> I have never owned a JRC and am looking for some advice. I have been
> offered a 525 for about 400 pounds sterling. Given that the last one
> was was produced about 15 years ago I just wonder if it would be a good
> move. All advice greatly appreciated.
>
> Regards Ian
>

1811. Re: NRD 525 - still a good buy??

Yahoo group: nrd-525-535
Date: 2008-10-31 19:41:04 UTC
From: james55623
Topic: 1807 Message: 1811

Hi,
I had a 525 for 8 years, loved the feel and build, my first set, and wished I had kept it.
But time moves on and so does the GAS (Gear Acquisition Syndrome).
I bought a NRD535D for £340 just nine months ago, local old Ham chap giving up the hobby, set was in excellent condition, boxed etc, I love the set, I can listen for hours on it, far better on HF than my Icom IC-R8500. (£345, did collect it from Wick !)

So is the NRD525 a good buy, well I would buy a another JRC set
within a heart beat, at the right price :-) still looking for a 545,
just love the build and feel .far better than a Yaesu FRG-8800 that
I had.

So, I would think that £400 is a touch over the top for a 525
Unless, it fitted with all the options... Caveat emptor
I find ebay too variable for price and quality...look around other
classifieds...

I have seen a used NRD 535 at a local supplier for about £400, I think! (give Air Supply Leeds a call),

Happy hunting
James
PS other than buying a Icom R20 from the above I don't have anything to do with them.

--- In nrd-525-535@yahoogroups.com, "thegropermk2" <ianmaclennan@...> wrote:
>
> I have never owned a JRC and am looking for some advice. I have been
> offered a 525 for about 400 pounds sterling. Given that the last one
> was was produced about 15 years ago I just wonder if it would be a good
> move. All advice greatly appreciated.
>
> Regards Ian
>

1812. Re: [nrd-525-535] RJST125

Yahoo group: nrd-525-535
Date: 2008-10-31 20:54:53 UTC
From: Mikewhiskyone@aol.com
Topic: 1812 Message: 1812

HI, A bit OT I know, but can anyone point me at somewhere to download a JST-125 operating/service manual? many thanks, Dave.

1813. Re: [nrd-525-535] RJST125

Yahoo group: nrd-525-535
Date: 2008-10-31 22:58:50 UTC
From: gandalfg8@aol.com
Topic: 1812 Message: 1813

In a message dated 31/10/2008 20:55:38 GMT Standard Time,
Mikewhiskyone@... writes:

HI, A bit OT I know, but can anyone point me at somewhere to download a
JST-125 operating/service manual? many thanks, Dave.

Hi Dave

Can't help with the manual, sorry, but just thought I'd say hello:-)

regards

Nigel
GM8PZR

1814. Re: NRD 525 - still a good buy??

Yahoo group: nrd-525-535
Date: 2008-11-02 15:10:06 UTC
From: driftermick
Topic: 1807 Message: 1814

James is right. the JRC line are classic's. the price is personal. kind of a "what's it worth to you", type. i have seen high and low prices. i myself, have paid more for certain receivers, than they are worth to someone else. so it's- you paid too much, i got a deal. the collectors in Japan drove the prices over the top a few years back. the market has started to come down lately. so, if you want it, you will pay the price ask.

Drifter...

--- In nrd-525-535@yahoogroups.com, "james55623" <jim.strachan@...>
wrote:
>
> Hi,
> I had a 525 for 8 years, loved the feel and build, my first set,
and
> wished I had kept it.
> But time moves on and so does the GAS (Gear Acquisition Syndrome).
> I bought a NRD535D for £340 just nine months ago, local old Ham
chap
> giving up the hobby, set was in excellent condition, boxed etc, I
> love the set, I can listen for hours on it, far better on HF than
my
> Icom IC-R8500. (£345, did collect it from Wick !)
>
> So is the NRD525 a good buy, well I would buy a another JRC set
> within a heart beat, at the right price :-) still looking for a
545,
> just love the build and feel .far better than a Yaesu FRG-8800 that
> I had.
>
> So, I would think that £400 is a touch over the top for a 525
> Unless, it fitted with all the options... Caveat emptor
> I find ebay too variable for price and quality...look around other
> classifieds...
>
> I have seen a used NRD 535 at a local supplier for about £400, I
> think! (give Air Supply Leeds a call),
>
> Happy hunting
> James
> PS other than buying a Icom R20 from the above I don't have
anything
> to do with them.
>

> --- In nrd-525-535@yahoogroups.com, "thegropermk2"
> <ianmaclennan@> wrote:
> >
> > I have never owned a JRC and am looking for some advice. I have
> been
> > offered a 525 for about 400 pounds sterling. Given that the last
> one
> > was was produced about 15 years ago I just wonder if it would be
> a
> good
> > move. All advice greatly appreciated.
> >
> > Regards Ian
> >
>

1815. 525 for sale

Yahoo group: nrd-525-535
Date: 2008-11-04 13:46:01 UTC
From: ortfmic
Topic: 1452 Message: 1815

Hello group,

I found a for-sale ad on QTH.COM for a JRC NRD-525. Details:

Listing #698716
FS: Japan Radio Company NRD-525 Receiver
* Very Excellent condition - appearance / Electrically - No problems
* No smoking - Covered when not in use
* Late production / high serial # - 49xxx
* Includes operating and maintenance manuals - both like new
$600 + shipping CONUS

Here's the URL to get to the ads on QTH.COM:
http://swap.qth.com/c_radiohf.php

Regards,
Tom

1816. start sending messages

Yahoo group: nrd-525-535
Date: 2008-11-05 17:46:49 UTC
From: Xavier Deu
Topic: 1816 Message: 1816

[Body unavailable in the source archive]

1817. FS: NRD-535 JRC receiver CFL-287 RF Tune Board

Yahoo group: nrd-525-535
Date: 2008-11-08 20:41:55 UTC
From: vladdvorkin
Topic: 1817 Message: 1817

Hello group,

I do have for sale CFL-287 RF Tune Board for the JRC NRD-535
(NRD-535D) receiver. This RF Tune Board is in perfect working condition.
$135 plus shipping.

Also have some parts/components for the same board.

Reply directly to:
kb9olm_AT_yahoo_DOT_com

Thank you,
Vlad, kb9olm

1818. NRD-525 with VHF/UHF upgrade for sale

Yahoo group: nrd-525-535
Date: 2008-11-13 15:38:29 UTC
From: sandflea1957
Topic: 1818 Message: 1818

Hello,
I'm parting with my 1989 525 (in excellent condition), as it doesn't get used near as often as I'd like. Due to extensive travel, I use my Sony ICF-2010 much more. I've listed it on eBay (item no. 150309507364). It has the scarce and very neat VHF-UHF upgrade board.

The reserve price of $400 has been met. Although the auction indicates US sales only, if you're a member of 525-535 group here on yahoo and live outside the US, please let me know if you're interested. We might be able to work something out. The receiver is from a smoke-free home, and all the knobs, dials, lights, buttons, and switches work like they should. No disappointments in this unit. If the winning bid reaches $700, I'll also include the CMH-532 board, so that you can run the 525 from your computer. You'll need to purchase the appropriate software, as I've never had time to hook everything up. Thanks! Scott L., New Mexico, USA.

1819. NRD-525 Display Board

Yahoo group: nrd-525-535
Date: 2008-11-15 17:54:59 UTC
From: Vojislav
Topic: 1819 Message: 1819

I relly have a bad luicky :-(

Have to replace MCU from Display board. Does anyone have a dump of IC1 (uPD8749HD)?

Regards and 73!

Voja

1820. Remote Speaker Wanted

Yahoo group: nrd-525-535
Date: 2008-11-26 04:13:01 UTC
From: wb8vds
Topic: 1820 Message: 1820

I am looking for the remote speaker for my NRD515.
Thanks

1821. [nrd-525-535] H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-26 04:59:50 UTC
From: Brian Denley
Topic: 1820 Message: 1821

Can anyone tell where to find the details of the H-ROM additions for the
NRD-535D? What commands were added, etc? I know my receiver has the H rom
but I would like to know what was changed / improved.
Thanks for any info.
Brian Denley
http://home.comcast.net/~b.denley/index.html
----- Original Message -----
From: "wb8vds" <raysdz@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, November 25, 2008 11:13 PM
Subject: [nrd-525-535] Remote Speaker Wanted

I am looking for the remote speaker for my NRD515.
Thanks

1822. Re: H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-26 12:03:25 UTC
From: rhblumeng
Topic: 1820 Message: 1822

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Can anyone tell where to find the details of the H-ROM additions for
the
> NRD-535D? What commands were added, etc? I know my receiver has
the H rom
> but I would like to know what was changed / improved.
> Thanks for any info.

Brian -

You might try Paul Lannuier. He would be the only one I can think of
who might have data like that in an old file.

One other thought would be a radio control software developer who was
writing code at the time the 535 series was current and might have had
to deal with different versions of firmware...

Hope that helps, Bob

1823. Re: H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-26 16:58:39 UTC
From: Paul Lannuier
Topic: 1820 Message: 1823

--- In nrd-525-535@yahoogroups.com, "rhblumeng" <blum.robert1@...> wrote:

> You might try Paul Lannuier. He would be the only one I can think of
> who might have data like that in an old file.

Can't find H ROM info on my computer, other than installation instructions. I'll see if I can find a hard copy but it's iffy -- I've moved several times since my JRC days, hard to keep track of what got lost and what got boxed (and where).

I also put a feeler out to Tom Sundstrom, he helped a lot with the testing and upgrading the RS232 command set.

73,
Paul WW2PT

1824. Re: [nrd-525-535] Re: H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-27 02:15:28 UTC
From: Brian Denley
Topic: 1820 Message: 1824

Thanks Paul. I spoke to Tom years ago but not about this issue. He and I have owned many of the same receivers.
Brian Denley
http://home.comcast.net/~b.denley/index.html
----- Original Message -----
From: "Paul Lannuier" <paul@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, November 26, 2008 11:58 AM
Subject: [nrd-525-535] Re: H-ROM details

--- In nrd-525-535@yahoogroups.com, "rhblumeng" <blum.robert1@...> wrote:

> You might try Paul Lannuier. He would be the only one I can think of
> who might have data like that in an old file.

Can't find H ROM info on my computer, other than installation instructions. I'll see if I can find a hard copy but it's iffy -- I've moved several times since my JRC days, hard to keep track of what got lost and what got boxed (and where).

I also put a feeler out to Tom Sundstrom, he helped a lot with the testing and upgrading the RS232 command set.

73,
Paul WW2PT

1825. Re: H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-27 15:23:22 UTC
From: Paul Lannuier
Topic: 1820 Message: 1825

The notes I found indicate that the NRD-535D RS232C interface command set was pretty much locked down in December 1990, just before the radio's release. I vaguely remember a few minor tweaks later on to improve certain performance issues but I have no documentation to indicate what was actually done. Most of the firmware updates were bug fixes, and (starting with version "D") support for the improved BWC capabilities implemented after serial #BR56005.

I'll post more info if I find anything else.

73,
Paul WW2PT

1826. Comparing the NRD-535D vs. AOR 7030

Yahoo group: nrd-525-535
Date: 2008-11-27 16:02:19 UTC
From: ED LUSKY
Topic: 1826 Message: 1826

Would any of you have both? Could someone give me some suggestions or experiences which receiver they would keep. I just aquired a AOR 7030+ and I'm trying to make a decision as to which one I should let go. Both seem to have great reception and clarity. As far as I know right now it's the size may make the difference, being that the 535 is much larger but much better looking. As for perfermance, I would like to hear some opinions.

Have a great turkey day!

1827. 535D H-EPROMS

Yahoo group: nrd-525-535
Date: 2008-11-27 17:16:47 UTC
From: Bill Cotter
Topic: 1820 Message: 1827
Attachments: 2 described; binary payloads are missing from this source WARC

Folks,

Sorry for getting back so late. It took me a while to find these in
my file system.

Here are the binary files for the two H-series EPROMS. If someone
could burn me a pair, I would appreciate it.

Thanks - Bill N4LG

Bill Cotter, N4LG E-mail: n4lg@...
173 Carolyn Lane Home: (859) 887-5563
Nicholasville, KY 40356-9340 Work: (859) 323-6474

ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535

1828. Re: [nrd-525-535] Re: H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-28 03:54:33 UTC
From: Brian Denley
Topic: 1820 Message: 1828

Thanks Bob. I was primarily looking for any computer control commands that might have been added. My 535Db is a pretty late serial number but my manual was published in '95 so I was wondering if it contailed Rev H additions in the computer control information or not.
Thanks for looking.
Brian
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "rhblumeng" <blum.robert1@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, November 26, 2008 7:03 AM
Subject: [nrd-525-535] Re: H-ROM details

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Can anyone tell where to find the details of the H-ROM additions for the
> NRD-535D? What commands were added, etc? I know my receiver has the H rom
> but I would like to know what was changed / improved.
> Thanks for any info.

Brian -

You might try Paul Lannuier. He would be the only one I can think of who might have data like that in an old file.

One other thought would be a radio control software developer who was writing code at the time the 535 series was current and might have had to deal with different versions of firmware...

Hope that helps, Bob

1829. Re:H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-28 13:03:59 UTC
From: gandalfg8@aol.com
Topic: 1820 Message: 1829

Can anyone tell where to find the details of the H-ROM additions for the
NRD-535D? What commands were added, etc? I know my receiver has the H rom
but I would like to know what was changed / improved.
Thanks for any info.
Brian Denley

Hi Brian and All

I've just dug out my old 535 paperwork and do have some background
information on the Eproms, not too sure it will do much to answer your specific
question but here goes anyway:-)

I got my 535 new in 1994 although from the Eprom dates it had probably been
sitting on a shelf somewhere for some time, more on that in a moment.
Lowe Electronics were then the UK main dealers and whilst speaking to them
about add on boards etc we got into discussion re the firmware versions.
At that time they were offering version F as an upgrade, although it turned
out they didn't actually know what the differences were!
What they could tell me though was how to identify which versions were
fitted.

Holding down the decimal point button as the set is switched on will display
the date of the main Eprom.
Holding down the Memo button as the set is switched on will display the date
of the display Eprom.
For versions A to E the dates in both Eproms are the same, and display as
follows....

A 91.02
B 91.03
D 91.05
E 91.08

I don't know what happened to version C, perhaps there wasn't one or they
just didn't have that information.

Version F has a different date in each Eprom as follows.....

Main Eprom 92.01
Display Eprom 92.10

I don't have any date information for Eprom sets later than F.

My original Eproms identified as version E and, since version F seemed to
have been around for at least two years, was why I felt my set had sat on a
shelf for a while.

Even though Lowe couldn't tell me what, if anything, I was gaining I bought and installed the version F Eproms anyway, just to bring my "new" set up to date.

Towards the end of 1994 I did get hold of the computer interface command set for the version F Eproms, I have that now as a 7 page document and will scan it and upload it to the files section later today.
Comments in my letter to Lowe when I forwarded the information indicate that there didn't seem to be any major changes although several commands seemed to have been extended, at least from comparison with my 1991 manual.
The manual didn't indicate though which previous Eprom version it's command set referred to.

As far as I am aware, and as Paul has suggested, any significant changes that affected stand alone operation of the receiver had already been implemented by the time version E was released, probably with version D at the latest, and what followed later were mainly changes to the computer interface.

I know nothing about version G, if there was one, but do recall looking at some control software online several years ago where it was stated version H Eproms would be required.
I can't remember now if that was for the software to function at all or just for some functions to be implemented.
By then, Lowe had lost interest in the 535, as far as I could tell there wasn't even anybody left who remembered there being Eprom upgrades available, and I didn't pursue it any further.
I have since obtained the binary dump of the version H Eproms but the brain cell has so far resisted attempts to remember what was so significant about it.

Unfortunately this goes back to a time when I was still naive enough to believe that what was on the internet today would be there for endless tomorrows....silly bugger, but, of course, what information was there seems to have been long gone.

As best I can recall, from the online comments anyway, the only change again was to the computer command set and there was just one particularly significant change that either added or corrected something.

If I ever find, or remember, what the "something" was I'll let you know, but unless you use more recent computer control software with your 535, and perhaps only whatever software it was that specifically called for the version H Eproms, I doubt you'll notice any significant difference between version H and version F.

regards

Nigel
GM8PZR

1830. Re:H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-28 14:11:39 UTC
From: gandalfg8@aol.com
Topic: 1820 Message: 1830

As a follow up to my previous comments I just found this 2001 posting to the Ergo software Beta list regarding updates to Ergo4, which offers one indication of version H changes.....

NRD535
======
Added (what might be) commands to turn power on/off for those of you with Version H ROM. Have been unable to test this myself. (ROM Versions F and Higher - Look in the 535 About Box and it will tell you the ROM version; before Version F, this is not supported.) Let me know if this works, I don't have the more recent ROM in my 535.

---

regards

Nigel
GM8PZR

1831. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2008-11-28 16:39:42 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 1831

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /NRD535 EpromF.pdf
Uploaded by : bibliophileuk <gandalfg8@...>
Description : 535 Eprom F Computer Interface Commands

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/NRD535%20EpromF.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

bibliophileuk <gandalfg8@...>

1832. 535 F Eprom Command Set

Yahoo group: nrd-525-535
Date: 2008-11-28 17:02:11 UTC
From: Nigel Clarke
Topic: 1820 Message: 1832

Hi All

I've uploaded the 535 version F firmware computer interface command set to the files section but am now wondering about the relevance of the comment below, as taken from my previous posting.
Although my manual indicates that the T command was originally just used to switch the DC out jack on the rear panel I've noticed that the version F firmware already used the T command for Main Power Control so that doesn't look to have been a version H change after all.

regards

Nigel
GM8PZR

> ----------
> NRD535
> ======
> Added (what might be) commands to turn power on/off for those of you with
> Version H ROM. Have been unable to test this myself. (ROM Versions F and
> Higher - Look in the 535 About Box and it will tell you the ROM version;
> before Version F, this is not supported.) Let me know if this works, I
> don't have the more recent ROM in my 535.
>
> ----------

1833. Re:H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-28 20:12:51 UTC
From: arne_at_cox_net
Topic: 1820 Message: 1833

The following is from an article written by Tom Kashuba and obtained from FidoNet in the early 1990's. Maybe it will shed a little light on this subject.

"Let me elaborate on this for the sake of any 535 owners who may be listening. To be more exact, the large expansion that the user team made to the function set (including the version response command) was with the F level ROM. Revision G contained a single, very minor, bug fix. Level H fixed one more minor bug. Few, if any, users will see the difference between F, G, or H. The latter two aren't worth the trouble of upgrading to if a user already has level F unless certain software explicitly requires it."

"Even Bandview, which was written in unison with (and uses 99% of) the expanded command set does require G or H. The F revision was the big leap for software users. If remote software is not used, then revision E works just fine since virtually all of the enhancements made in F level were for remote control applications."

"Newer units with BWC in INTER and WIDE and/or simple software need E or higher. Newer units with full-featured software (Bandview, et al) need F or higher. Software that explicitly states G or H (very rare) need current level."

"Level E EPROMS mean that you have a 100% factory stock unit since the 535 and 535D are shipped with E ROMs. For the time being, the F level and higher ROMs are considered to be for "high performance remote control" and available on special request from New York as user needs dictate."

Arne

--- In nrd-525-535@yahoogroups.com, gandalfg8@... wrote:

> Hi Brian and All
>
> I've just dug out my old 535 paperwork and do have some background
> information on the Eproms, not too sure it will do much to answer
your specific
> question but here goes anyway:-)
>
> I got my 535 new in 1994 although from the Eprom dates it had
probably been
> sitting on a shelf somewhere for some time, more on that in a
moment.
> Lowe Electronics were then the UK main dealers and whilst speaking
to them

> about add on boards etc we got into discussion re the firmware
versions.
> At that time they were offering version F as an upgrade, although it
turned
> out they didn't actually know what the differences were!
> What they could tell me though was how to identify which versions
were
> fitted.
>
> Holding down the decimal point button as the set is switched on will
display
> the date of the main Eprom.
> Holding down the Memo button as the set is switched on will display
the date
> of the display Eprom.
> For versions A to E the dates in both Eproms are the same, and
display as
> follows....
>
> A 91.02
> B 91.03
> D 91.05
> E 91.08
>
> I don't know what happened to version C, perhaps there wasn't one or
they
> just didn't have that information.
>
> Version F has a different date in each Eprom as follows.....
>
> Main Eprom 92.01
> Display Eprom 92.10
>
> I don't have any date information for Eprom sets later than F.
>
> My original Eproms identified as version E and, since version F
seemed to
> have been around for at least two years, was why I felt my set had
sat on a
> shelf for a while.
> Even though Lowe couldn't tell me what, if anything, I was gaining
I bought
> and installed the version F Eproms anyway, just to bring my "new"
set up to
> date.
>
> Towards the end of 1994 I did get hold of the computer interface
command set
> for the version F Eproms, I have that now as a 7 page document and
will scan

> it and upload it to the files section later today.
> Comments in my letter to Lowe when I forwarded the information
indicate that
> there didn't seem to be any major changes although several commands
seemed
> to have been extended, at least from comparison with my 1991
manual.
> The manual didn't indicate though which previous Eprom version it's
command
> set referred to.
>
> As far as I am aware, and as Paul has suggested, any significant
changes
> that affected stand alone operation of the receiver had already
been implemented
> by the time version E was released, probably with version D at the
latest,
> and what followed later were mainly changes to the computer
interface.
>
> I know nothing about version G, if there was one, but do recall
looking at
> some control software online several years ago where it was stated
version H
> Eproms would be required.
> I can't remember now if that was for the software to function at all
or just
> for some functions to be implemented.
> By then, Lowe had lost interest in the 535, as far as I could tell
there
> wasn't even anybody left who remembered there being Eprom upgrades
available,
> and I didn't pursue it any further.
> I have since obtained the binary dump of the version H Eproms but
the brain
> cell has so far resisted attempts to remember what was so
significant about
> it.
>
> Unfortunately this goes back to a time when I was still naive enough
to
> believe that what was on the internet today would be there for
endless
> tomorrows....silly bugger, but, of course, what information was
there seems to have
> been long gone.
>
> As best I can recall, from the online comments anyway, the only
change again
> was to the computer command set and there was just one particularly

> significant change that either added or corrected something.
>
> If I ever find, or remember, what the "something" was I'll let you
know, but
> unless you use more recent computer control software with your 535,
and
> perhaps only whatever software it was that specifically called for
the version H
> Eproms, I doubt you'll notice any significant difference between
version H
> and version F.
>
> regards
>
> Nigel
> GM8PZR
>

1834. Re:H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-28 20:49:46 UTC
From: Paul Lannuier
Topic: 1820 Message: 1834

This jars my memory a bit, and confirms what I suspected all along --
that there was no major difference between Versions F and H; I don't
even think Version G was released except to developers. And I would
concur that one shouldn't worry about upgrading unless you're running
software that explicitly requires it.

I can also add that Tom Kashuba was a major pain in the ass when it
came to asking JRC to keep upgrading the firmware to allow the '535 to
jump through all sorts of hoops his BandView software held out. (And I
mean "pain in the ass" in a good way! Tom K. was very helpful, as was
Tom Sundstrom W2XQ, in the development of the firmware.)

Tnx to Nigel, Arne and Brian for the trip down (Loss Of) Memory Lane. ;-)

73,
Paul WW2PT

--- In nrd-525-535@yahoogroups.com, "arne_at_cox_net" <arne@...> wrote:
>
> The following is from an article written by Tom Kashuba and obtained
> from FidoNet in the early 1990's. Maybe it will shed a little light
> on this subject.
>
> "Let me elaborate on this for the sake of any 535 owners who may be
> listening. To be more exact, the large expansion that the user team
> made to the function set (including the version response command) was
> with the F level ROM. Revision G contained a single, very minor, bug
> fix. Level H fixed one more minor bug. Few, if any, users will see
> the difference between F, G, or H. The latter two aren't worth the
> trouble of upgrading to if a user already has level F unless certain
> software explicitly requires it."
>
> "Even Bandview, which was written in unison with (and uses 99% of) the
> expanded command set does require G or H. The F revision was the big
> leap for software users. If remote software is not used, then
> revision E works just fine since virtually all of the enhancements
> made in F level were for remote control applications."
>
> "Newer units with BWC in INTER and WIDE and/or simple software need E
> or higher. Newer units with full-featured software (Bandview, et al)
> need F or higher. Software that explicitly states G or H (very rare)
> need current level."
>
> "Level E EPROMS mean that you have a 100% factory stock unit since the
> 535 and 535D are shipped with E ROMs. For the time being, the F level
> and higher ROMs are considered to be for "high performance remote

> control" and available on special request from New York as user needs
> dictate."
>
> Arne

1835. Re: [nrd-525-535] Re:H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-28 23:50:19 UTC
From: Brian Denley
Topic: 1820 Message: 1835

Great stuff! Mine says H-93-03 on the main eprom and P-93-03 on the display eprom, using the button hold downs that Nigel outlines. P?
Thanks for the detailed information, Nigel!
Brian
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: <gandalfg8@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, November 28, 2008 8:03 AM
Subject: [nrd-525-535] Re:H-ROM details
> Hi Brian and All
>
> I've just dug out my old 535 paperwork and do have some background
> information on the Eproms, not too sure it will do much to answer your
> specific
> question but here goes anyway:-)
>
> I got my 535 new in 1994 although from the Eprom dates it had probably
> been
> sitting on a shelf somewhere for some time, more on that in a moment.
> Lowe Electronics were then the UK main dealers and whilst speaking to them
> about add on boards etc we got into discussion re the firmware versions.
> At that time they were offering version F as an upgrade, although it
> turned
> out they didn't actually know what the differences were!
> What they could tell me though was how to identify which versions were
> fitted.
>
> Holding down the decimal point button as the set is switched on will
> display
> the date of the main Eprom.
> Holding down the Memo button as the set is switched on will display the
> date
> of the display Eprom.
> For versions A to E the dates in both Eproms are the same, and display as
> follows....
>
> A 91.02
> B 91.03
> D 91.05
> E 91.08
>
> I don't know what happened to version C, perhaps there wasn't one or they
> just didn't have that information.

>
> Version F has a different date in each Eprom as follows.....
>
> Main Eprom 92.01
> Display Eprom 92.10
>
> I don't have any date information for Eprom sets later than F.
>
> My original Eproms identified as version E and, since version F seemed to
> have been around for at least two years, was why I felt my set had sat on
> a
> shelf for a while.
> Even though Lowe couldn't tell me what, if anything, I was gaining I
> bought
> and installed the version F Eproms anyway, just to bring my "new" set up
> to
> date.
>
> Towards the end of 1994 I did get hold of the computer interface command
> set
> for the version F Eproms, I have that now as a 7 page document and will
> scan
> it and upload it to the files section later today.
> Comments in my letter to Lowe when I forwarded the information indicate
> that
> there didn't seem to be any major changes although several commands
> seemed
> to have been extended, at least from comparison with my 1991 manual.
> The manual didn't indicate though which previous Eprom version it's
> command
> set referred to.
>
> As far as I am aware, and as Paul has suggested, any significant changes
> that affected stand alone operation of the receiver had already been
> implemented
> by the time version E was released, probably with version D at the
> latest,
> and what followed later were mainly changes to the computer interface.
>
> I know nothing about version G, if there was one, but do recall looking at
> some control software online several years ago where it was stated version
> H
> Eproms would be required.
> I can't remember now if that was for the software to function at all or
> just
> for some functions to be implemented.
> By then, Lowe had lost interest in the 535, as far as I could tell there
> wasn't even anybody left who remembered there being Eprom upgrades
> available,
> and I didn't pursue it any further.

> I have since obtained the binary dump of the version H Eproms but the
> brain
> cell has so far resisted attempts to remember what was so significant
> about
> it.
>
> Unfortunately this goes back to a time when I was still naive enough to
> believe that what was on the internet today would be there for endless
> tomorrows....silly bugger, but, of course, what information was there
> seems to have
> been long gone.
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> As best I can recall, from the online comments anyway, the only change
> again
> was to the computer command set and there was just one particularly
> significant change that either added or corrected something.
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> If I ever find, or remember, what the "something" was I'll let you know,
> but
> unless you use more recent computer control software with your 535, and
> perhaps only whatever software it was that specifically called for the
> version H
> Eproms, I doubt you'll notice any significant difference between version
> H
> and version F.
>
> regards
>
> Nigel
> GM8PZR
>

1836. Re: [nrd-525-535] Re:H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-28 23:52:59 UTC
From: Brian Denley
Topic: 1820 Message: 1836

Interesting. What was 'bandview'? Part of ERGO?
Thanks for the info, Arne.
Brian
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "arne_at_cox_net" <arne@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, November 28, 2008 3:12 PM
Subject: [nrd-525-535] Re:H-ROM details

The following is from an article written by Tom Kashuba and obtained from FidoNet in the early 1990's. Maybe it will shed a little light on this subject.

"Let me elaborate on this for the sake of any 535 owners who may be listening. To be more exact, the large expansion that the user team made to the function set (including the version response command) was with the F level ROM. Revision G contained a single, very minor, bug fix. Level H fixed one more minor bug. Few, if any, users will see the difference between F, G, or H. The latter two aren't worth the trouble of upgrading to if a user already has level F unless certain software explicitly requires it."

"Even Bandview, which was written in unison with (and uses 99% of) the expanded command set does require G or H. The F revision was the big leap for software users. If remote software is not used, then revision E works just fine since virtually all of the enhancements made in F level were for remote control applications."

"Newer units with BWC in INTER and WIDE and/or simple software need E or higher. Newer units with full-featured software (Bandview, et al) need F or higher. Software that explicitly states G or H (very rare) need current level."

"Level E EPROMS mean that you have a 100% factory stock unit since the 535 and 535D are shipped with E ROMs. For the time being, the F level and higher ROMs are considered to be for "high performance remote control" and available on special request from New York as user needs dictate."

Arne

--- In nrd-525-535@yahoogroups.com, gandalfg8@... wrote:

> Hi Brian and All
>

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> information on the Eproms, not too sure it will do much to answer
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> question but here goes anyway:-)
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> Even though Lowe couldn't tell me what, if anything, I was gaining
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manual.
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> perhaps only whatever software it was that specifically called for
the version H
> Eproms, I doubt you'll notice any significant difference between
version H
> and version F.
>
> regards
>
> Nigel
> GM8PZR
>

1837. Re: [nrd-525-535] Re:H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-29 00:43:28 UTC
From: Chuck
Topic: 1820 Message: 1837

Brain et al,

When I hold down the Period Button and turn the
unit on, I get H 93-03
When I hold down the Memo Button and turn the unit
on , I get P 93-03.
Just wondering what those two reading indicate?

If I do the same to my NRD545, I get for the
Period 14 32 14, and if I
do it with the Func button, I don't get anything
but a freq reading.

Chuck

----- Original Message -----
From: gandalfg8@...
To: nrd-525-535@yahoogroups.com
Sent: Friday, November 28, 2008 13:03
Subject: [nrd-525-535] Re:H-ROM details

Can anyone tell where to find the details of the
H-ROM additions for the
NRD-535D? What commands were added, etc? I know
my receiver has the H rom
but I would like to know what was changed /
improved.
Thanks for any info.
Brian Denley

Hi Brian and All

I've just dug out my old 535 paperwork and do
have some background
information on the Eproms, not too sure it will
do much to answer your specific
question but here goes anyway:-)

I got my 535 new in 1994 although from the Eprom
dates it had probably been
sitting on a shelf somewhere for some time, more
on that in a moment.
Lowe Electronics were then the UK main dealers
and whilst speaking to them
about add on boards etc we got into discussion
re the firmware versions.

At that time they were offering version F as an upgrade, although it turned out they didn't actually know what the differences were!
What they could tell me though was how to identify which versions were fitted.

Holding down the decimal point button as the set is switched on will display the date of the main Eprom.
Holding down the Memo button as the set is switched on will display the date of the display Eprom.
For versions A to E the dates in both Eproms are the same, and display as follows....

A 91.02
B 91.03
D 91.05
E 91.08

I don't know what happened to version C, perhaps there wasn't one or they just didn't have that information.

Version F has a different date in each Eprom as follows.....

Main Eprom 92.01
Display Eprom 92.10

I don't have any date information for Eprom sets later than F.

My original Eproms identified as version E and, since version F seemed to have been around for at least two years, was why I felt my set had sat on a shelf for a while.
Even though Lowe couldn't tell me what, if anything, I was gaining I bought and installed the version F Eproms anyway, just to bring my "new" set up to date.

Towards the end of 1994 I did get hold of the computer interface command set for the version F Eproms, I have that now as a 7 page document and will scan it and upload it to the files section later

today.
Comments in my letter to Lowe when I forwarded
the information indicate that
there didn't seem to be any major changes
although several commands seemed
to have been extended, at least from comparison
with my 1991 manual.
The manual didn't indicate though which previous
Eprom version it's command
set referred to.

As far as I am aware, and as Paul has suggested,
any significant changes
that affected stand alone operation of the
receiver had already been implemented
by the time version E was released, probably
with version D at the latest,
and what followed later were mainly changes to
the computer interface.

I know nothing about version G, if there was
one, but do recall looking at
some control software online several years ago
where it was stated version H
Eproms would be required.
I can't remember now if that was for the
software to function at all or just
for some functions to be implemented.
By then, Lowe had lost interest in the 535, as
far as I could tell there
wasn't even anybody left who remembered there
being Eprom upgrades available,
and I didn't pursue it any further.
I have since obtained the binary dump of the
version H Eproms but the brain
cell has so far resisted attempts to remember
what was so significant about
it.

Unfortunately this goes back to a time when I
was still naive enough to
believe that what was on the internet today
would be there for endless
tomorrows....silly bugger, but, of course, what
information was there seems to have
been long gone.

As best I can recall, from the online comments
anyway, the only change again
was to the computer command set and there was
just one particularly

significant change that either added or
corrected something.

If I ever find, or remember, what the
"something" was I'll let you know, but
unless you use more recent computer control
software with your 535, and
perhaps only whatever software it was that
specifically called for the version H
Eproms, I doubt you'll notice any significant
difference between version H
and version F.

regards

Nigel
GM8PZR

1838. Re:H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-29 01:37:48 UTC
From: arne_at_cox_net
Topic: 1820 Message: 1838

Bandview seems to have been DOS software written by Tom Kashuba
for controling the 525 and 535.

Arne

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...>
wrote:
>
> Interesting. What was 'bandview'? Part of ERGO?
> Thanks for the info, Arne.
> Brian
> http://home.comcast.net/~b.denley/index.html

1839. Re:H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-29 01:44:56 UTC
From: arne_at_cox_net
Topic: 1820 Message: 1839

On my 535D, which has the E version ROMs, I get H 91-08 and P 91-08.

Arne

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...>
wrote:
>
> Great stuff! Mine says H-93-03 on the main eprom and P-93-03 on the
display
> eprom, using the button hold downs that Nigel outlines. P?
> Thanks for the detailed information, Nigel!
> Brian
> http://home.comcast.net/~b.denley/index.html

1840. Re: [nrd-525-535] Re:H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-29 02:45:42 UTC
From: Brian Denley
Topic: 1820 Message: 1840

Chuck:
Yeah I get exactly the same readings on my receiver. I am pretty sure
those are the lastest ROM versions.
Brian
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Chuck" <ka4prf@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, November 28, 2008 7:43 PM
Subject: Re: [nrd-525-535] Re:H-ROM details

> Brain et al,
>
> When I hold down the Period Button and turn the
> unit on, I get H 93-03
> When I hold down the Memo Button and turn the unit
> on , I get P 93-03.
> Just wondering what those two reading indicate?
>
> If I do the same to my NRD545, I get for the
> Period 14 32 14, and if I
> do it with the Func button, I don't get anything
> but a freq reading.
>
>
> Chuck
>
> ----- Original Message -----
> From: gandalfg8@...
> To: nrd-525-535@yahoogroups.com
> Sent: Friday, November 28, 2008 13:03
> Subject: [nrd-525-535] Re:H-ROM details
>
>
> Can anyone tell where to find the details of the
> H-ROM additions for the
> NRD-535D? What commands were added, etc? I know
> my receiver has the H rom
> but I would like to know what was changed /
> improved.
> Thanks for any info.
> Brian Denley
>

1841. Re: H-ROM details

Yahoo group: nrd-525-535
Date: 2008-11-29 09:08:58 UTC
From: Kees
Topic: 1820 Message: 1841

Hi all!

Well, the description of replacing the ROMS, you can find on my web site: http://keesvanengelen.nl/comhok.html

Some differences were the adaption of the faster UART ports (faster responses from the RX). Bug fixes. And some additions concerning the further support of BWC control (in AM and narrow).
You can check your version with (hyper)terminal and type "? (without teh ")

I have H-versions for CPU and Display.
Just ask :-)

73

Kees

--- In nrd-525-535@yahoogroups.com, "Paul Lannuier" <paul@...> wrote:
>
> The notes I found indicate that the NRD-535D RS232C interface command
> set was pretty much locked down in December 1990, just before the
> radio's release. I vaguely remember a few minor tweaks later on to
> improve certain performance issues but I have no documentation to
> indicate what was actually done. Most of the firmware updates were
bug
> fixes, and (starting with version "D") support for the improved BWC
> capabilities implemented after serial #BR56005.
>
> I'll post more info if I find anything else.
>
> 73,
> Paul WW2PT
>

1842. Re: [nrd-525-535] Re: H-ROM details

Yahoo group: nrd-525-535
Date: 2008-12-01 02:19:07 UTC
From: Brian Denley
Topic: 1820 Message: 1842

Kees:
Great info on your site! Any idea why my display ROM is 'P'? Could there have been that many changes since 'H'?
Brian
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Kees" <kees@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, November 29, 2008 4:08 AM
Subject: [nrd-525-535] Re: H-ROM details

Hi all!

Well, the description of replacing the ROMS, you can find on my web site: http://keesvanengelen.nl/comhok.html

Some differences were the adaption of the faster UART ports (faster responses from the RX). Bug fixes. And some additions concerning the further support of BWC control (in AM and narrow).
You can check your version with (hyper)terminal and type "? (without teh ")

I have H-versions for CPU and Display.
Just ask :-)

73

Kees

--- In nrd-525-535@yahoogroups.com, "Paul Lannuier" <paul@...> wrote:
>
> The notes I found indicate that the NRD-535D RS232C interface command
> set was pretty much locked down in December 1990, just before the
> radio's release. I vaguely remember a few minor tweaks later on to
> improve certain performance issues but I have no documentation to
> indicate what was actually done. Most of the firmware updates were bug
> fixes, and (starting with version "D") support for the improved BWC
> capabilities implemented after serial #BR56005.
>
> I'll post more info if I find anything else.
>
> 73,
> Paul WW2PT
>

1843. Re: H-ROM details

Yahoo group: nrd-525-535
Date: 2008-12-02 19:21:23 UTC
From: Kees
Topic: 1820 Message: 1843

Hi Brian,

Well I *guess* that's to determine the difference for the display
and CPU ROM.

Kees

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...>
wrote:
>
> Kees:
> Great info on your site! Any idea why my display ROM is 'P'?
Could there
> have been that many changes since 'H'?
> Brian
> http://home.comcast.net/~b.denley/index.html
>
>
> ----- Original Message -----
> From: "Kees" <kees@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Saturday, November 29, 2008 4:08 AM
> Subject: [nrd-525-535] Re: H-ROM details
>
>
> Hi all!
>
> Well, the description of replacing the ROMS, you can find on my web
> site: http://keesvanengelen.nl/comhok.html
>
> Some differences were the adaption of the faster UART ports (faster
> responses from the RX). Bug fixes. And some additions concerning
the
> further support of BWC control (in AM and narrow).
> You can check your version with (hyper)terminal and type "?
(without
> teh ")
>
> I have H-versions for CPU and Display.
> Just ask :-)
>
> 73
>
> Kees
>
>

> --- In nrd-525-535@yahoogroups.com, "Paul Lannuier" <paul@> wrote:
> >
> > The notes I found indicate that the NRD-535D RS232C interface
command
> > set was pretty much locked down in December 1990, just before the
> > radio's release. I vaguely remember a few minor tweaks later on
to
> > improve certain performance issues but I have no documentation to
> > indicate what was actually done. Most of the firmware updates
were
> bug
> > fixes, and (starting with version "D") support for the improved
BWC
> > capabilities implemented after serial #BR56005.
> >
> > I'll post more info if I find anything else.
> >
> > 73,
> > Paul WW2PT
> >
>

1844. RTTY with CMH-530

Yahoo group: nrd-525-535
Date: 2008-12-08 03:10:54 UTC
From: Brian Denley
Topic: 1844 Message: 1844

Used it to copy Halifax Nova Scotia (CANADIAN FORCES METOC CENTRE)
tonite from Boston area. Very nice copy with very few errors. The
card seems to work well.

1845. Re: [nrd-525-535] RTTY with CMH-530

Yahoo group: nrd-525-535
Date: 2008-12-08 10:25:54 UTC
From: Chuck
Topic: 1844 Message: 1845

Brian,

what was the freq on that RTTY?

chuck

----- Original Message -----
From: Brian Denley
To: nrd-525-535@yahoogroups.com
Sent: Monday, December 08, 2008 03:10
Subject: [nrd-525-535] RTTY with CMH-530

Used it to copy Halifax Nova Scotia (CANADIAN
FORCES METOC CENTRE)
tonite from Boston area. Very nice copy with
very few errors. The
card seems to work well.

1846. Re: [nrd-525-535] RTTY with CMH-530

Yahoo group: nrd-525-535
Date: 2008-12-09 03:12:51 UTC
From: Brian Denley
Topic: 1844 Message: 1846

Chuck:
4271 KHz. They alternate between FAX weather plots and RTTY (850 hz shift
width, normal polarity, 75 baud).
Brian
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Chuck" <ka4prf@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, December 08, 2008 5:25 AM
Subject: Re: [nrd-525-535] RTTY with CMH-530

> Brian,
>
> what was the freq on that RTTY?
>
> chuck
>
>
> ----- Original Message -----
> From: Brian Denley
> To: nrd-525-535@yahoogroups.com
> Sent: Monday, December 08, 2008 03:10
> Subject: [nrd-525-535] RTTY with CMH-530
>
>
> Used it to copy Halifax Nova Scotia (CANADIAN
> FORCES METOC CENTRE)
> tonite from Boston area. Very nice copy with
> very few errors. The
> card seems to work well.
>
>
>
>
>

1847. Display flicker

Yahoo group: nrd-525-535
Date: 2008-12-18 04:46:47 UTC
From: Rodger
Topic: 1847 Message: 1847

I just obtained a nice NRD-535D. It works great, but I notice the display flickers slightly. Not a big problem, but it bothers me on an otherwise very fine receiver. I wonder is this is common problem for the 535 and if there is a "fix" for it?

1848. Re: [nrd-525-535] Display flicker

Yahoo group: nrd-525-535
Date: 2008-12-18 09:47:12 UTC
From: Adam Farber
Topic: 1847 Message: 1848

Try replacing the lithium battery, that should fix it.

Adam Farber

>I just obtained a nice NRD-535D. It works great, but I notice the
>display flickers slightly. Not a big problem, but it bothers me on an
>otherwise very fine receiver. I wonder is this is common problem for
>the 535 and if there is a "fix" for it?
>
>

1849. Re: [nrd-525-535] Display flicker

Yahoo group: nrd-525-535
Date: 2008-12-18 20:27:52 UTC
From: Bill Cotter
Topic: 1847 Message: 1849

Perhaps I am a bit slow - but, how does the Li battery used for the
memory backup cause the display to flicker? It has nothing to do
with the display.

73 Bill N4LG

At 04:47 AM 12/18/2008, you wrote:

>Try replacing the lithium battery, that should fix it.
>
>Adam Farber
>
>
>
>
>>I just obtained a nice NRD-535D. It works great, but I notice the
>>display flickers slightly. Not a big problem, but it bothers me
>>on an
>>otherwise very fine receiver. I wonder is this is common problem for
>>the 535 and if there is a "fix" for it?
>

1850. Re: [nrd-525-535] Display flicker

Yahoo group: nrd-525-535
Date: 2008-12-18 20:56:38 UTC
From: Adam Farber
Topic: 1847 Message: 1850

Hi, I had the same issue and replaced the battery and the flickering stopped, not sure why but it worked and the display was brighter.

Thanks,

Adam

>Perhaps I am a bit slow - but, how does the Li battery used for the
>memory backup cause the display to flicker? It has nothing to do
>with the display.
>
>73 Bill N4LG
>
>At 04:47 AM 12/18/2008, you wrote:
>
> >Try replacing the lithium battery, that should fix it.
> >
> >Adam Farber
> >
> >
> >
> >
> >>I just obtained a nice NRD-535D. It works great, but I notice the
> >>display flickers slightly. Not a big problem, but it bothers me
> >>on an
> >>otherwise very fine receiver. I wonder is this is common problem for
> >>the 535 and if there is a "fix" for it?
> >
>
>

1851. Re: [nrd-525-535] Display flicker

Yahoo group: nrd-525-535
Date: 2008-12-19 00:35:41 UTC
From: Bill Cotter
Topic: 1847 Message: 1851

Adam,

That explains it, hi! I knew you had a twist to the success story.

I suspect that you re-seated the front panel connectors and circuit boards. Tightening screws and checking lug does wonders for grounds. A spray of DeOxit also fixes a lot of oxidation issues.

Merry Christmas es 73 Bill N4LG

At 03:56 PM 12/18/2008, you wrote:

>Hi, I had the same issue and replaced the battery and the
>flickering stopped, not sure why but it worked and the display was
>brighter.
>
>Thanks,
>
>Adam
>
>
>
>>Perhaps I am a bit slow - but, how does the Li battery used for the
>>memory backup cause the display to flicker? It has nothing to do
>>with the display.
>>
>>73 Bill N4LG
>>
>>At 04:47 AM 12/18/2008, you wrote:
>>
>> >Try replacing the lithium battery, that should fix it.
>> >
>> >Adam Farber
>> >
>> >
>> >
>> >
>> >>I just obtained a nice NRD-535D. It works great, but I notice the
>> >>display flickers slightly. Not a big problem, but it bothers me
>> >>on an
>> >>otherwise very fine receiver. I wonder is this is common
>> problem for
>> >>the 535 and if there is a "fix" for it?
>> >
>>

1852. NRD-535 , CFH-36A

Yahoo group: nrd-525-535
Date: 2008-12-30 04:19:01 UTC
From: Rex Yeung
Topic: 1852 Message: 1852

Hi all JRC lover ,

Could any one can tell me the Test Point Value
for the CFH-36A Board , I cannot found the value in the user manual

My JRC NRD-535D without signal come in.
and already certify the CFH-36A board fault, by replacement test

TP 1 > TP 4 / or IF 1 - 4

Or the ways to test this board,,,

Thanks
VR2KJ
Rex Yeung
vr2kj@...

1853. NRD-525 / PBS not working

Yahoo group: nrd-525-535
Date: 2008-12-30 06:40:22 UTC
From: pietrobossi
Topic: 1853 Message: 1853

Hello All,

I recently discovered that the Pass Band Shift (PBS) control of my JRC-NRD-525 doesn't work when the radio is remote controlled (via RS-232). I think it's just setting in the middle, no action when you turn the knob. The next knob (notch filter) still ok both in manually and remote control. Is there any explaination for that ?

I read that the PBS can be remote controlled in the NRD-535, maybe should be controlled also on the 525 ?

Is there some secret remote command for the 525 ???

Season greeting from snowy south Switzerland !

Pietro / HB9RXC

1854. Re: [nrd-525-535] NRD-525 / PBS not working

Yahoo group: nrd-525-535
Date: 2008-12-30 12:12:28 UTC
From: Chuck
Topic: 1853 Message: 1854

Peitro,

They never published any code to control the PBS
on the NRD525. The control
of the PBS via computer didn't come into effect
until the NRD535.

You should have a sheet with your Operating Manual
that shoulds you the list
of commands that the NRD525 is capable of
receiving?

Chuck Bolland

----- Original Message -----
From: pietrobossi
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, December 30, 2008 06:40
Subject: [nrd-525-535] NRD-525 / PBS not working

Hello All,

I recently discovered that the Pass Band Shift
(PBS) control of my JRC-
NRD-525 doesn't work when the radio is remote
controlled (via RS-232).
I think it's just setting in the middle, no
action when you turn the
knob. The next knob (notch filter) still ok both
in manually and
remote control. Is there any explaination for
that ?

I read that the PBS can be remote controlled in
the NRD-535, maybe
should be controlled also on the 525 ?

Is there some secret remote command for the 525
???

Season greeting from snowy south Switzerland !

Pietro / HB9RXC

1855. AW: Re: [nrd-525-535] NRD-525 / PBS not working

Yahoo group: nrd-525-535
Date: 2008-12-30 15:09:42 UTC
From: pietro.bossi@bluewin.ch
Topic: 1855 Message: 1855

Hi Chuck,

many tnx for your answer ! Yes, I do have the user manual and all other infos about the 525 and the RS-232
interface.
The question come out because I just finish to write a remote-control-software for the 525 (may run also on the 535),
following my personal needs.
Yes I know, there is a lot of remote control softare around ... hihi... but tell me wich one is capable of timed
operation (e.g. at 12:32 go to freq X, mode Y, etc...) and in the mean time starting a specific function on the Hoka
code300-32 decoder ???? Apart these specific functions, add a receiver-frequency list with editor, and other fancy
utilities....

Of course, i may modifiy & add other specific funtions on request.... and still freeware !!!

well, i wish you and all the group my best regards and happy new year !!!

Pietro / hb9rxc (hb9rxc.tripod.com)

----Messaggio originale----
Da: ka4prf@...
Data: 30.12.2008 13.12
A: <nrd-525-535@yahoogroups.com>
Oggetto: Re: [nrd-525-535] NRD-525 / PBS not working

Peitro,

They never published any code to control the PBS
on the NRD525. The control
of the PBS via computer didn't come into effect
until the NRD535.

You should have a sheet with your Operating Manual
that shoulds you the list
of commands that the NRD525 is capable of
receiving?

Chuck Bolland

----- Original Message -----
From: pietrobossi
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, December 30, 2008 06:40

Subject: [nrd-525-535] NRD-525 / PBS not working

Hello All,

I recently discovered that the Pass Band Shift (PBS) control of my JRC-NRD-525 doesn't work when the radio is remote controlled (via RS-232).
I think it's just setting in the middle, no action when you turn the knob. The next knob (notch filter) still ok both in manually and remote control. Is there any explaination for that ?

I read that the PBS can be remote controlled in the NRD-535, maybe should be controlled also on the 525 ?

Is there some secret remote command for the 525 ???

Season greeting from snowy south Switzerland !

Pietro / HB9RXC

1856. Re:NRD-535 , CFH-36A

Yahoo group: nrd-525-535
Date: 2008-12-30 20:38:25 UTC
From: gandalfg8@aol.com
Topic: 1852 Message: 1856

Could any one can tell me the Test Point Value
for the CFH-36A Board , I cannot found the value in the user
manual...........

Hi Rex

I haven't time to scan the complete service manual right now but have
scanned all I can find that's relevant to the CFH36A, aside from the schematic
which should be in the user manual anyway, and will upload it to the group files
section after sending this.
It's not a lot but hope it helps.

regards

Nigel
GM8PZR

1857. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2008-12-30 20:43:50 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 1857

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /CFH36A Info.pdf
Uploaded by : bibliophileuk <gandalfg8@...>
Description : CFH36A Service Manual Info

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/CFH36A%20Info.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

bibliophileuk <gandalfg8@...>

1859. Re: [nrd-525-535] NRD-525 / PBS not working

Yahoo group: nrd-525-535
Date: 2008-12-31 02:27:12 UTC
From: Brian Denley
Topic: 1853 Message: 1859

Chuck is correct and even on the 535, controlling the passband shift
remotely with a PC does not cause the PBS knob to move. It is also true
that when under remote control (the "REMOTE" light is illuminated), the
front panel controls do not function and the 'LOCK' light is illuminated. T

When writing a control program for the NRD-535, the programmer has to decide
whether to write the code so that the receiver is under remote control only
during the command transfer and released right after the command is
executed, or to keep the receiver in remote mode during the entire session.
I have seen control programs for the 535 written both ways.
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Chuck" <ka4prf@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, December 30, 2008 7:12 AM
Subject: Re: [nrd-525-535] NRD-525 / PBS not working

> Peitro,
>
> They never published any code to control the PBS
> on the NRD525. The control
> of the PBS via computer didn't come into effect
> until the NRD535.
>
> You should have a sheet with your Operating Manual
> that shoulds you the list
> of commands that the NRD525 is capable of
> receiving?
>
> Chuck Bolland

1860. Re:NRD-535 , CFH-36A

Yahoo group: nrd-525-535
Date: 2008-12-31 04:51:42 UTC
From: Rex Yeung
Topic: 1852 Message: 1860

Hi Nigel,

Thanks for the upload

Rex

--- In nrd-525-535@yahoogroups.com, gandalfg8@... wrote:
>
> Could any one can tell me the Test Point Value
> for the CFH-36A Board , I cannot found the value in the user
> manual...........
> -------------
> Hi Rex
>
> I haven't time to scan the complete service manual right now but
have
> scanned all I can find that's relevant to the CFH36A, aside from
the schematic
> which should be in the user manual anyway, and will upload it to
the group files
> section after sending this.
> It's not a lot but hope it helps.
>
> regards
>
> Nigel
> GM8PZR
>

1861. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2008-12-31 08:40:27 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 1861

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Manuals/nrd535d-service-manual.part1.rar
Uploaded by : keesvanengelen <kees@...>
Description : NRD535(D) Service Manual

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Manuals/nrd535d-service-manual.part1.rar

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

keesvanengelen <kees@...>

1862. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2008-12-31 08:43:32 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 1862

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Manuals/nrd535d-service-manual.part2.rar
Uploaded by : keesvanengelen <kees@...>
Description : NRD535(D) Service Manual part 2

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Manuals/nrd535d-service-manual.part2.rar

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

keesvanengelen <kees@...>

1863. Re: NRD-535 , CFH-36A

Yahoo group: nrd-525-535
Date: 2008-12-31 08:48:15 UTC
From: Kees
Topic: 1852 Message: 1863

Hi Rex,

Look in the file section....

73

Kees

--- In nrd-525-535@yahoogroups.com, "Rex Yeung" <vr2kj@...> wrote:
>
> Hi all JRC lover ,
>
>
> Could any one can tell me the Test Point Value
> for the CFH-36A Board , I cannot found the value in the user manual
>
> My JRC NRD-535D without signal come in.
> and already certify the CFH-36A board fault, by replacement test
>
> TP 1 > TP 4 / or IF 1 - 4
>
> Or the ways to test this board,,,
>
> Thanks
> VR2KJ
> Rex Yeung
> vr2kj@...
>

1864. 535D Service Manual

Yahoo group: nrd-525-535
Date: 2009-01-06 00:25:01 UTC
From: Rodger
Topic: 1864 Message: 1864

I would raelly like to download the 535D service manual that was recently added to group files. Unfortunately, I can't seem to decompress it, even though I am am using the rar format. Has anyone been successful in retrieving the file, and if so, I would like to know how you did it.

1865. Re: [nrd-525-535] 535D Service Manual

Yahoo group: nrd-525-535
Date: 2009-01-06 00:42:23 UTC
From: gandalfg8@aol.com
Topic: 1864 Message: 1865

In a message dated 06/01/2009 00:25:12 GMT Standard Time, heiseyamfm@...
writes:

I would raelly like to download the 535D service manual that was
recently added to group files. Unfortunately, I can't seem to
decompress it, even though I am am using the rar format. Has anyone
been successful in retrieving the file, and if so, I would like to know
how you did it.

Did you download both sections to the same folder before opening part 1 and
then extracting it?
As far as I can tell it's a two part RAR file that decompresses as a single
file when the above condition is met, that's what worked for me anyway.
If you still can't get it to work I can email it to you.

regards

Nigel
GM8PZR

1866. Re: [nrd-525-535] 535D Service Manual

Yahoo group: nrd-525-535
Date: 2009-01-06 02:44:55 UTC
From: William H. Bowen
Topic: 1864 Message: 1866

I had no problems uncompressing the files with WinRAR 3.80. I also tried it with WinZip 11.2 and the files uncompressed without issues. Also, be sure when you uncompress the files you have both sections in the same directory AND select the first file in WinRAR or WinZip.

Best Regards,
Bill Bowen
Sacramento, CA USA

gandalfg8@... wrote - - -

Date sent: Mon, 5 Jan 2009 19:42:23 EST
Subject: Re: [nrd-525-535] 535D Service Manual

> In a message dated 06/01/2009 00:25:12 GMT Standard Time, heiseyamfm@...
> writes:
>
>
>
>
> I would raelly like to download the 535D service manual that was
> recently added to group files. Unfortunately, I can't seem to
> decompress it, even though I am am using the rar format. Has anyone
> been successful in retrieving the file, and if so, I would like to know
> how you did it.
>
> -------------
> Did you download both sections to the same folder before opening part 1 and
> then extracting it?
> As far as I can tell it's a two part RAR file that decompresses as a single
> file when the above condition is met, that's what worked for me anyway.
> If you still can't get it to work I can email it to you.
>
> regards
>
> Nigel
> GM8PZR
>

1867. New 525 / 535 Software

Yahoo group: nrd-525-535
Date: 2009-01-07 09:32:38 UTC
From: pietro
Topic: 1867 Message: 1867

Hello All,

I just finish to wrote a small and nice remote control software for our preferred receiver.
It still under development, it's free and I may add new functions even on request.

If you are interested, just have a look at my site:
http://hb9rxc.tripod.com on page Amateur Radio.

Let my know your suggestions ! thank you very much !!

Pietro / HB9RXC

btw: if I undestood, there is no new receiver after the NRD-545 DSP RX, is it true ???

About DSP receiver, it's better to buy a used 545 or a new Perseus SDR receiver ???

1868. Re:New 525 / 535 Software

Yahoo group: nrd-525-535
Date: 2009-01-08 00:22:21 UTC
From: Walter Treftz
Topic: 1867 Message: 1868

When you get it de-bugged I would like a copy for my 525. I don't understand enough about computers to help you on it. I got mine after falling in love with a 525 when I was sailing on a Swedish merchant ship that had one.
73
Walt (N4GL)

1869. NRD-91 - - - - crystal, encoder, relays, push buttons . . .

Yahoo group: nrd-525-535
Date: 2009-01-09 08:46:47 UTC
From: m_shankman
Topic: 1869 Message: 1869

Greetings all you JRC NRD guys,
I have an old JRC NRD-91. - I got it on eBay with front panel damage. I had to change the tuning encoder. The original one was mechanical, but I replaced it with an optical encoder from HP (which was also obtained on eBay). Some of the front panel buttons were damaged beyond usability, so I had to replace those too. FYI, the rocker-style front panel switches used on the NRD-91, and presumably many other JRC products, are available as exact replacements from Digi-Key (Digi-Key part number: EG1341-ND). Most of the internal relays on my receiver were sticky and I changed out all of them with pin-for-pin compatible relays from Digi-Key (Digi-Key part number: 255-1063-ND).
Now, the radio is working fine. But, I want to add LSB to it. For this I need a 453.5 KHz crystal (HC-6C case). But, I will accept any case as I can always retro-fit whichever case style I get.
Does anyone have such a crystal? At one time, this was a stock item and has been used in many shortwave receivers and Ham rigs throughout the years.
If you have a 453.5 KHz crystal to sell, email me:
- Stan
K7SJB
stantheman@...

1870. RXcommander Remote control Software

Yahoo group: nrd-525-535
Date: 2009-01-11 09:43:32 UTC
From: pietro
Topic: 1870 Message: 1870

Hallo All,

Correction !!!

The software as is now present in my site does'nt work with JRC-535
because it only communicate via serial port at 1200bps !!
The JRC-535 (and maybe the 545) instead do communicate at 4800bps !!!

SORRY !! my mistake !!!

I already have made some corrections and I will upload the new version
as soon as possible !

Many thanks, Pietro HB9RXC

1871. Re: RXcommander Remote control Software

Yahoo group: nrd-525-535
Date: 2009-01-14 13:55:37 UTC
From: sal11704
Topic: 1870 Message: 1871

--- In nrd-525-535@yahoogroups.com, pietro <pietro.bossi@...> wrote:
>
> Hallo All,
>
> Correction !!!
>
> The software as is now present in my site does'nt work with JRC-535
> because it only communicate via serial port at 1200bps !!
> The JRC-535 (and maybe the 545) instead do communicate at
4800bps !!!
>
> SORRY !! my mistake !!!
>
> I already have made some corrections and I will upload the new
version
> as soon as possible !
>
> Many thanks, Pietro HB9RXC
>

Pietro,
Will the new version work with the JRC-535?
Thanks,
Sal

1872. Re: [nrd-525-535] Re: RXcommander Remote control Software

Yahoo group: nrd-525-535
Date: 2009-01-14 19:26:06 UTC
From: pietro
Topic: 1870 Message: 1872

sal11704 ha scritto:
>
> --- In nrd-525-535@yahoogroups.com
> <mailto:nrd-525-535%40yahoogroups.com>, pietro <pietro.bossi@...> wrote:
> >
> > Hallo All,
> >
> > Correction !!!
> >
> > The software as is now present in my site does'nt work with JRC-535
> > because it only communicate via serial port at 1200bps !!
> > The JRC-535 (and maybe the 545) instead do communicate at
> 4800bps !!!
> >
> > SORRY !! my mistake !!!
> >
> > I already have made some corrections and I will upload the new
> version
> > as soon as possible !
> >
> > Many thanks, Pietro HB9RXC
> >
>
> Pietro,
> Will the new version work with the JRC-535?
> Thanks,
> Sal
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.176 / Virus Database: 270.10.7/1893 - Release Date: 14/01/2009 6.59
>
>
Hello,

I just upload the new version on my site. It should work with NRD-535 at
4800bps. Please have a look and let me know your suggestions.

73 de HB9RXC Pietro

1873. Re: [nrd-525-535] Re: RXcommander Remote control Software

Yahoo group: nrd-525-535
Date: 2009-01-15 03:11:30 UTC
From: Brian Denley
Topic: 1870 Message: 1873

Pietro:

RXCommander doesn't work with my NRD-535D. Anyone else?
Brian Denley

http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "pietro" <pietro.bossi@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, January 14, 2009 2:26 PM
Subject: Re: [nrd-525-535] Re: RXcommander Remote control Software

> sal11704 ha scritto:
>>

>

1874. Re: RXcommander Remote control Software

Yahoo group: nrd-525-535
Date: 2009-01-15 16:36:14 UTC
From: sal11704
Topic: 1870 Message: 1874

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Pietro:
>
> RXCommander doesn't work with my NRD-535D. Anyone else?
> Brian Denley
>
> http://home.comcast.net/~b.denley/index.html

I couldn't get the new version to work on my 535D either. I updated the ini file as instructed but still got the "No RX" in the frequency display of the application.

Sal

1875. 8 ohm speaker question

Yahoo group: nrd-525-535
Date: 2009-01-15 16:50:34 UTC
From: sal11704
Topic: 1875 Message: 1875

Would using an 8 ohm external speaker rather than a 4 ohm external speaker on my NRD-535D do any damage to the radio? Has anyone done this?

Thanks,
Sal

1876. Re: [nrd-525-535] 8 ohm speaker question

Yahoo group: nrd-525-535
Date: 2009-01-15 18:12:34 UTC
From: gandalfg8@aol.com
Topic: 1875 Message: 1876

In a message dated 15/01/2009 16:50:57 GMT Standard Time, sal11704@...
writes:

Would using an 8 ohm external speaker rather than a 4 ohm external
speaker on my NRD-535D do any damage to the radio?

No, increasing the loudspeaker impedance can't do any damage and will
actually reduce the load on the audio amplifier.
It's reducing the impedance below recommended levels that will increase the
load on the amplifier and this should be avoided.

What you may find with higher impedance speakers though is that they are
quieter for a given volume control setting.
This is because the power developed in the speaker reduces as the impedance
increases so, for a given setting and hence a given voltage from the
amplifier, the power developed in an 8 ohm speaker will be half that developed in a 4
ohm speaker.
However, the actual sound level will also depend on the design and
efficiency of the speaker so the difference in level may not be all that noticeable.

regards

Nigel
GM8PZR

1877. Re: [nrd-525-535] Re: RXcommander Remote control Software

Yahoo group: nrd-525-535
Date: 2009-01-15 21:18:08 UTC
From: pietro
Topic: 1870 Message: 1877

sal11704 ha scritto:
>
> --- In nrd-525-535@yahoogroups.com
> <mailto:nrd-525-535%40yahoogroups.com>, "Brian Denley" <b.denley@...>
> wrote:
> >
> > Pietro:
> >
> > RXCommander doesn't work with my NRD-535D. Anyone else?
> > Brian Denley
> >
> > http://home.comcast.net/~b.denley/index.html
> <http://home.comcast.net/%7Eb.denley/index.html>
>
> I couldn't get the new version to work on my 535D either. I updated
> the ini file as instructed but still got the "No RX" in the frequency
> display of the application.
>
> Sal
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.176 / Virus Database: 270.10.7/1893 - Release Date: 14/01/2009 6.59
>
>
Hello all,

I am so sorry..... but it's very difficult to me to test software
for 535 ..... on a 525 !
Reading the 535 manual I discover that every command sent to the RX need
to be be followed with a <carriage return> (hex 0D), so I modify the
software.
It's quite strange... but in the weekend I will implement some test with
a serial protocol analyzer to check every command at 1200 and 4800 bps....
I can't figure out where the problem is.

If someone is so kind to download and try the new version please ! Maybe
both on 525 and 535 !!! Actually on 525 it's work just perfectly....

Best 73' Pietro HB9RXC

1878. Re: [nrd-525-535] Re: RXcommander Remote control Software

Yahoo group: nrd-525-535
Date: 2009-01-16 03:55:36 UTC
From: Brian Denley
Topic: 1870 Message: 1878

Pietro:
I wa able to get the program to work somewhat but still with issues. I sent
you some details on those problems.
Brian Denley
http://home.comcast.net/~b.denley/index.html

> Hello all,
>
> I am so sorry..... but it's very difficult to me to test software
> for 535 ..... on a 525 !
> Reading the 535 manual I discover that every command sent to the RX need
> to be be followed with a <carriage return> (hex 0D), so I modify the
> software.
> It's quite strange... but in the weekend I will implement some test with
> a serial protocol analyzer to check every command at 1200 and 4800 bps....
> I can't figure out where the problem is.
>
> If someone is so kind to download and try the new version please ! Maybe
> both on 525 and 535 !!! Actually on 525 it's work just perfectly....
>
> Best 73' Pietro HB9RXC
>

1879. RXcommander Remote control Software (The saga...)

Yahoo group: nrd-525-535
Date: 2009-01-16 07:25:43 UTC
From: pietro.bossi@bluewin.ch
Topic: 1879 Message: 1879

Hi all,

yawwnnn..... it's just 8 o'clock in the morning here and I arrive at office...
Well, thank to Brian maybe I realized another problem, let say a difference between 525 and 535:

- when you send a command to the 525 (let say D4 for mode=AM) it answer back with the same string indicating the new
mode, so D4 ->525 / 525 -> D4 to the PC.
I use this string coming back from 525 to display information on my software. This behaviour is valid also for all
other command string.

- As I read from 535's instruction manual, it's seem that 535 doesn't sent back (let say) acknowledgment after valid
command being received. So my softare can't display anything.
If this is true, I must implement complete different routine.... not difficult but time expensive...

Could someone confirm this ? Could someone have a try with simple 2000 / XP / Vista MS Hyperterminal software
(setup 4800bps / 8 bit / no parity / etc) to try send command to the 535 to see what is coming back ? (example D0 to D8
change the mode AM-USB-LSB.....)

But anyway, if you press UNLOCK / LOCK button on my software, you should be able to use the radio manually and see
reflected data on software display, this sould be possible anyway.

Last chance, I do have a friend that own a 535 in the zone here..... on the weekend I will try to contact him to see
if I can have the receiver for a couple of week.

Anyone with a 525 ????

Ciao, Pietro HB9RXC

----Messaggio originale----
Da: b.denley@...
Data: 16.01.2009 4.55
A: <nrd-525-535@yahoogroups.com>
Oggetto: Re: [nrd-525-535] Re: RXcommander Remote control Software

Pietro:
I wa able to get the program to work somewhat but still with issues. I sent
you some details on those problems.
Brian Denley

http://home.comcast.net/~b.denley/index.html

> Hello all,
>
> I am so sorry..... but it's very difficult to me to test software
> for 535 ..... on a 525 !
> Reading the 535 manual I discover that every command sent to the RX need
> to be be followed with a <carriage return> (hex 0D), so I modify the
> software.
> It's quite strange... but in the weekend I will implement some test with
> a serial protocol analyzer to check every command at 1200 and 4800 bps....
> I can't figure out where the problem is.
>
> If someone is so kind to download and try the new version please ! Maybe
> both on 525 and 535 !!! Actually on 525 it's work just perfectly....
>
> Best 73' Pietro HB9RXC
>

1880. Re: Off-frequency tuning problem

Yahoo group: nrd-525-535
Date: 2009-01-19 19:54:11 UTC
From: dl2ebv
Topic: 69 Message: 1880

Hello Chris,
I do have the same problem now. Did you get any information or remedy?
vy 73, Ernst, DL2EBV

--- In nrd-525-535@yahoogroups.com, Chris Deruyte <chrisderuyte@...>
wrote:
>
>
>
> > Hello!
> > My 525 has a problem: it tunes just fine about 1.4 khz above and
below
> > frequency on AM and SW, but not very well right on. Does anyone
have a
> > suggestion about what might be the cause or the solution?
> > Many thanks in advance!
> >
> > Chris Deruyte
>

1881. Re: Off-frequency tuning problem

Yahoo group: nrd-525-535
Date: 2009-01-19 20:14:44 UTC
From: caladonia5560
Topic: 69 Message: 1881

Hello Ernst,

It sounds like the filter bandwidth is too narrow for AM. Does this
also occur with the wide filter selected? Also check to see that the
notch control is in the off position.

Les

--- In nrd-525-535@yahoogroups.com, "dl2ebv" <dl2ebv@...> wrote:
>
> Hello Chris,
> I do have the same problem now. Did you get any information or remedy?
> vy 73, Ernst, DL2EBV
>
>
> --- In nrd-525-535@yahoogroups.com, Chris Deruyte <chrisderuyte@>
> wrote:
> >
> >
> >
> > > Hello!
> > > My 525 has a problem: it tunes just fine about 1.4 khz above and
> below
> > > frequency on AM and SW, but not very well right on. Does anyone
> have a
> > > suggestion about what might be the cause or the solution?
> > > Many thanks in advance!
> > >
> > > Chris Deruyte
> >
>

1882. NRD-535 firmware version

Yahoo group: nrd-525-535
Date: 2009-01-19 20:49:48 UTC
From: pietrobossi
Topic: 1882 Message: 1882

Hi All,

well... at least I got an 535 for a couple of month to finish
developing the RXCommander software.
I must admit that the functions are very different from my 525, but
anyway software is already running ok.

Btw, I found here and on other site lot of info about command
parameters for various 535's firmware version. I think mine is quite
old because on the cpu eprom there is a label with this code:
7DEJD0182D and this should be a release 'D' model, because lot of
functions are not available yet. Other info are: H-91-05 and P-91-05.

Questions:

1) Is my model version 'D' firmware ?
2) What's the meaning of these two number ?
3) What kind of eprom (model-make-specs) do I need to burn the latest
version (F or H ???)
4) If I wrote routine with version 'F' or 'H' is good for all ??

Personally I own a 525 ... so not my problem....

Hope to hear from you !! bye Pietro

1883. Re: [nrd-525-535] NRD-535 firmware version

Yahoo group: nrd-525-535
Date: 2009-01-20 00:15:29 UTC
From: Brian Denley
Topic: 1882 Message: 1883

Pietro:
ROMs H and P are the latest
Brian
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "pietrobossi" <pietro.bossi@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, January 19, 2009 3:49 PM
Subject: [nrd-525-535] NRD-535 firmware version

Hi All,

well... at least I got an 535 for a couple of month to finish
developing the RXCommander software.
I must admit that the functions are very different from my 525, but
anyway software is already running ok.

Btw, I found here and on other site lot of info about command
parameters for various 535's firmware version. I think mine is quite
old because on the cpu eprom there is a label with this code:
7DEJD0182D and this should be a release 'D' model, because lot of
functions are not available yet. Other info are: H-91-05 and P-91-05.

Questions:

1) Is my model version 'D' firmware ?
2) What's the meaning of these two number ?
3) What kind of eprom (model-make-specs) do I need to burn the latest
version (F or H ???)
4) If I wrote routine with version 'F' or 'H' is good for all ??

Personally I own a 525 ... so not my problem....

Hope to hear from you !! bye Pietro

1884. I did it !!

Yahoo group: nrd-525-535
Date: 2009-01-21 20:23:24 UTC
From: pietro
Topic: 1884 Message: 1884

Hello All,

yes, I did it ! I installed the new firmware on my 535 (now rev. H)
and works great !!
Btw, I do not have the BWC nor the ECSS expansion, so all seem to be ok.
Could some one resume what are the main difference between the 'D' and
'H' version on a simple 535 without expansions ? (excluding enhanced
remote commands).

If someone need infos, just contact me !

73' de Pietro HB9RXC

1885. RXCommander - New Version Tested on 525 / 535

Yahoo group: nrd-525-535
Date: 2009-01-23 21:24:53 UTC
From: pietro
Topic: 1885 Message: 1885

Hello All,

new version available free at hb9rxc.tripod.com

check it out !

73' de Pietro HB9RXC

1886. buttons for direct frequency input do not work correct

Yahoo group: nrd-525-535
Date: 2009-01-25 17:43:44 UTC
From: brettlejoe
Topic: 1886 Message: 1886

Hello,

I have a question. I have a NRD525 which I bought at the end of the 80s. I didn't use it the last years. When I took it out a few weeks ago the buttons for direct frequency input do not work correct. Some buttons you have to press a few times until they react. Any idee what the cause could be? What UI have to say - I never changed the CD2032 battery on the board. Could this be the reason? Or what could it be?

Many thanks in advance for your help

1887. Re: [nrd-525-535] buttons for direct frequency input do not work correct

Yahoo group: nrd-525-535
Date: 2009-01-25 20:10:12 UTC
From: pietro
Topic: 1886 Message: 1887

brettlejoe ha scritto:
>
> Hello,
>
> I have a question. I have a NRD525 which I bought at the end of the
> 80s. I didn't use it the last years. When I took it out a few weeks
> ago the buttons for direct frequency input do not work correct. Some
> buttons you have to press a few times until they react. Any idee what
> the cause could be? What UI have to say - I never changed the CD2032
> battery on the board. Could this be the reason? Or what could it be?
>
> Many thanks in advance for your help
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.176 / Virus Database: 270.10.13/1914 - Release Date: 24/01/2009 20.40
>
>
Hello,

I suppose you may have some moisture or dust in the key switch. The
better solution is to dismount the front panel and clean the contact.
If you don't feel ok to this work, it's better to ask a technician or
some friend to have a check.

Ciao and 73' de Pietro HB9RXC (electronic & Broadcast engineer).

1888. Re: buttons for direct frequency input do not work correct

Yahoo group: nrd-525-535
Date: 2009-01-26 11:37:50 UTC
From: brettlejoe
Topic: 1886 Message: 1888

--- In nrd-525-535@yahoogroups.com, pietro <pietro.bossi@...> wrote:
> >
> >
> Hello,
>
> I suppose you may have some moisture or dust in the key switch. The
> better solution is to dismount the front panel and clean the contact.
> If you don't feel ok to this work, it's better to ask a technician or
> some friend to have a check.
>
> Ciao and 73' de Pietro HB9RXC (electronic & Broadcast engineer).
>

Hi Pietro,

many thanks for your reply. Are you sure that the contact zone of the frequency input "number" buttons can be cleaned? Do you have a "how-to" to do this? If I look at the drawing (on page 5-12) of the front-panel in the service manual (which I have!) it looks that they would use sealed miniature switches (part no.: B3F-1022S - Code:5SCAP0036). So: is it worth to disassemble it?

Many thanks in advance from Germany to (Switzerland?)
Harald

1889. RE: [nrd-525-535] Re: buttons for direct frequency input do not work correct

Yahoo group: nrd-525-535
Date: 2009-01-26 13:56:17 UTC
From: Notareal
Topic: 1886 Message: 1889

Hi !
Before opening the receiver I recommend just to
toggle (press) each button many times (50 times or more / each).
Propably contacts are just oxidized.
http://spaces.live.com/spacesapi.aspx?wx_action=create&wx_url=/friends.aspx&mkt=en-us

1890. Re: buttons for direct frequency input do not work correct

Yahoo group: nrd-525-535
Date: 2009-01-29 21:20:09 UTC
From: Barry
Topic: 1886 Message: 1890

--- In nrd-525-535@yahoogroups.com, "brettlejoe" <brettlejoe@...> wrote:
>
> Hello,
>
> I have a question. I have a NRD525 which I bought at the end of the
> 80s. I didn't use it the last years. When I took it out a few weeks
> ago the buttons for direct frequency input do not work correct. Some
> buttons you have to press a few times until they react. Any idee what
> the cause could be? What UI have to say - I never changed the CD2032
> battery on the board. Could this be the reason? Or what could it be?
>
> Many thanks in advance for your help
>

I have replaced these switches in several 525's, they are really cheap switches that are easily found at digi-key and other places. They are NOT sealed switches. Usually, the switches aren't even worn out, the problem is actuall caused by people pressing too hard when entering frequencies, and the traces on the PC board have broken. Changing them out is a hassle, but if you have a desoldering station, it's no big deal. Without one, it's a 4 hour job. I fixed the traces with crazy glue and a trace pen.

1891. Re: buttons for direct frequency input do not work correct

Yahoo group: nrd-525-535
Date: 2009-02-01 19:00:08 UTC
From: brettlejoe
Topic: 1886 Message: 1891

Hi Barry,

> replaced these switches in several 525's, they are really cheap
switches that are easily found at digi-key and other places. They
are

do you have a typenumber of the switches and a web-adress where I can
order it ftro Germany?

> NOT sealed switches. Usually, the switches aren't even worn out,
the problem is actuall caused by people pressing too hard when
entering frequencies, and the traces on the PC board have broken.
Changing them out is a hassle, but if you have a desoldering station,
it's no big deal. Without one, it's a 4 hour job. I fixed the traces
with crazy glue and a trace pen.

Why did you have to glue them? Did JRC also fix them with adhesive?

1892. RXCommander New Release

Yahoo group: nrd-525-535
Date: 2009-02-03 06:57:23 UTC
From: pietrobossi
Topic: 1892 Message: 1892

Hello All,

I released a new version of my 525 / 535 remote control software.
In this version you will find:

- New Audio tab, it's possible to record and play as wav files, filter audio with lowpass, hipass and notch filter.
- Timer Audio Recording is now made with the internal recorder.
- bug fixes and minor enhancements.

Please have a look and let me know your suggestions and maybe request for other interesting features.

I still working on the LOGBOOK tab..... so.... let me know also wath features would you have in the loogbook.

Ciao from snowy south Switzerland ! Pietro

hb9rxc.tripod.com

1893. Re: [nrd-525-535] RXCommander New Release

Yahoo group: nrd-525-535
Date: 2009-02-03 10:56:46 UTC
From: Chuck
Topic: 1892 Message: 1893

Pietro

Please repeat the URL to your web page where the
program can be obtained.

Chuck

----- Original Message -----
From: pietrobossi
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 03, 2009 06:57
Subject: [nrd-525-535] RXCommander New Release

Hello All,

I released a new version of my 525 / 535 remote
control software.
In this version you will find:

- New Audio tab, it's possible to record and
play as wav files, filter
audio with lowpass, hipass and notch filter.
- Timer Audio Recording is now made with the
internal recorder.
- bug fixes and minor enhancements.

Please have a look and let me know your
suggestions and maybe request
for other interesting features.

I still working on the LOGBOOK tab..... so....
let me know also wath
features would you have in the loogbook.

Ciao from snowy south Switzerland ! Pietro

hb9rxc.tripod.com

1894. AW: Re: [nrd-525-535] RXCommander New Release

Yahoo group: nrd-525-535
Date: 2009-02-03 13:26:48 UTC
From: pietro.bossi@bluewin.ch
Topic: 1894 Message: 1894

Please have a look at the end of my first post !
Anyway, it's hb9rxc.tripod.com

It's a Lycos free web server, but probably I will move in the next future...

Regards and 73' Pietro HB9RXC

----Messaggio originale----
Da: ka4prf@...
Data: 03.02.2009 11.56
A: <nrd-525-535@yahoogroups.com>
Oggetto: Re: [nrd-525-535] RXCommander New Release

Pietro

Please repeat the URL to your web page where the
program can be obtained.

Chuck

----- Original Message -----
From: pietrobossi
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 03, 2009 06:57
Subject: [nrd-525-535] RXCommander New Release

Hello All,

I released a new version of my 525 / 535 remote
control software.
In this version you will find:

- New Audio tab, it's possible to record and
play as wav files, filter
audio with lowpass, hipass and notch filter.
- Timer Audio Recording is now made with the
internal recorder.
- bug fixes and minor enhancements.

Please have a look and let me know your
suggestions and maybe request
for other interesting features.

I still working on the LOGBOOK tab..... so....
let me know also wath
features would you have in the loogbook.

Ciao from snowy south Switzerland ! Pietro

hb9rxc.tripod.com

1895. Re: Re: [nrd-525-535] RXCommander New Release

Yahoo group: nrd-525-535
Date: 2009-02-03 14:08:06 UTC
From: Chuck
Topic: 1892 Message: 1895

Pietro,

I went there and the page would not come up. The
system said it could not
find your page?

Sorry

Chuck

----- Original Message -----
From: pietro.bossi@...
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 03, 2009 13:26
Subject: AW: Re: [nrd-525-535] RXCommander New
Release

Please have a look at the end of my first post !
Anyway, it's hb9rxc.tripod.com

It's a Lycos free web server, but probably I
will move in the next future...

Regards and 73' Pietro HB9RXC

----Messaggio originale----
Da: ka4prf@...
Data: 03.02.2009 11.56
A: <nrd-525-535@yahoogroups.com>
Oggetto: Re: [nrd-525-535] RXCommander New
Release

Pietro

Please repeat the URL to your web page where the
program can be obtained.

Chuck

----- Original Message -----
From: pietrobossi
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 03, 2009 06:57
Subject: [nrd-525-535] RXCommander New Release

Hello All,

I released a new version of my 525 / 535
remote
control software.
In this version you will find:

- New Audio tab, it's possible to record and
play as wav files, filter
audio with lowpass, hipass and notch filter.
- Timer Audio Recording is now made with the
internal recorder.
- bug fixes and minor enhancements.

Please have a look and let me know your
suggestions and maybe request
for other interesting features.

I still working on the LOGBOOK tab......
so....
let me know also wath
features would you have in the loogbook.

Ciao from snowy south Switzerland ! Pietro

hb9rxc.tripod.com

1896. Web Site address: RXCommander OK

Yahoo group: nrd-525-535
Date: 2009-02-03 14:56:45 UTC
From: Bill Cotter
Topic: 1892 Message: 1896

Chuck,

Try: http://hb9rxc.tripod.com/

This works OK.

73 Bill N4LG

At 09:08 AM 2/3/2009, you wrote:

>ï»¿
>Pietro,
>
>I went there and the page would not come
>up. The system said it could not
>find your page?
>
>Sorry
>
>Chuck
>
>----- Original Message -----
>From: <mailto:pietro.bossi@...>pietro.bossi@...
>To: <mailto:nrd-525-535@yahoogroups.com>nrd-525-535@yahoogroups.com
>Sent: Tuesday, February 03, 2009 13:26
>Subject: AW: Re: [nrd-525-535] RXCommander New Release
>
>Please have a look at the end of my first post !
>Anyway, it's hb9rxc.tripod.com
>
>It's a Lycos free web server, but probably I
>will move in the next future...
>
>Regards and 73' Pietro HB9RXC
>
>----Messaggio originale----
>Da: <mailto:ka4prf@...>ka4prf@...
>Data: 03.02.2009 11.56
>A: <<mailto:nrd-525-535@yahoogroups.com>nrd-525-535@yahoogroups.com>
>Oggetto: Re: [nrd-525-535] RXCommander New Release
>
>Pietro
>
>Please repeat the URL to your web page where the
>program can be obtained.
>

>Chuck
>
> ----- Original Message -----
> From: pietrobossi
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, February 03, 2009 06:57
> Subject: [nrd-525-535] RXCommander New Release
>
>
> Hello All,
>
> I released a new version of my 525 / 535 remote
>control software.
> In this version you will find:
>
> - New Audio tab, it's possible to record and
>play as wav files, filter
> audio with lowpass, hipass and notch filter.
> - Timer Audio Recording is now made with the
>internal recorder.
> - bug fixes and minor enhancements.
>
> Please have a look and let me know your
>suggestions and maybe request
> for other interesting features.
>
> I still working on the LOGBOOK tab..... so....
>let me know also wath
> features would you have in the loogbook.
>
> Ciao from snowy south Switzerland ! Pietro
>
> hb9rxc.tripod.com
>
>
>
>
>
>
>
>

1897. Re: Re: [nrd-525-535] RXCommander New Release

Yahoo group: nrd-525-535
Date: 2009-02-05 00:33:30 UTC
From: Chuck
Topic: 1892 Message: 1897

Peitro,

I finally got your web page to come up. I
downloaded the program too and opened it.
I could not get it to work because I am unable to
change the Comm Port. My
receivers use ComPort 5 only. I don't know what
port your program chooses?

I have written a few programs for the NRD'S and on
each program I have
included a menu where the user can select a
different comm port, from
1 to 8. They can also change the speed and other
pertinent information.

Anyway, I like your buttons. They look real.

Chuck

----- Original Message -----
From: pietro.bossi@...
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 03, 2009 13:26
Subject: AW: Re: [nrd-525-535] RXCommander New
Release

Please have a look at the end of my first post !
Anyway, it's hb9rxc.tripod.com

It's a Lycos free web server, but probably I
will move in the next future...

Regards and 73' Pietro HB9RXC

----Messaggio originale----
Da: ka4prf@...
Data: 03.02.2009 11.56
A: <nrd-525-535@yahoogroups.com>
Oggetto: Re: [nrd-525-535] RXCommander New
Release

Pietro

Please repeat the URL to your web page where the
program can be obtained.

Chuck

----- Original Message -----
From: pietrobossi
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 03, 2009 06:57
Subject: [nrd-525-535] RXCommander New Release

Hello All,

I released a new version of my 525 / 535
remote
control software.
In this version you will find:

- New Audio tab, it's possible to record and
play as wav files, filter
audio with lowpass, hipass and notch filter.
- Timer Audio Recording is now made with the
internal recorder.
- bug fixes and minor enhancements.

Please have a look and let me know your
suggestions and maybe request
for other interesting features.

I still working on the LOGBOOK tab......
so....
let me know also wath
features would you have in the loogbook.

Ciao from snowy south Switzerland ! Pietro

hb9rxc.tripod.com

1898. Re: [nrd-525-535] RXCommander New Release

Yahoo group: nrd-525-535
Date: 2009-02-05 05:42:54 UTC
From: David
Topic: 1892 Message: 1898

To change the COMPORT, open the "rxcommander Configuration Settings"
file and change "Comport=1 to Comport=5". You can also change the
receiver type from 535 to 525 if necessary.
Dave
--- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@...> wrote:
>
> Peitro,
>
> I finally got your web page to come up. I
> downloaded the program too and opened it.
> I could not get it to work because I am unable to
> change the Comm Port. My
> receivers use ComPort 5 only. I don't know what
> port your program chooses?
>
> I have written a few programs for the NRD'S and on
> each program I have
> included a menu where the user can select a
> different comm port, from
> 1 to 8. They can also change the speed and other
> pertinent information.
>
> Anyway, I like your buttons. They look real.
>
> Chuck
>
> ----- Original Message -----
> From: pietro.bossi@...
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, February 03, 2009 13:26
> Subject: AW: Re: [nrd-525-535] RXCommander New
> Release
>
>
>
>
> Please have a look at the end of my first post !
> Anyway, it's hb9rxc.tripod.com
>
> It's a Lycos free web server, but probably I
> will move in the next future...
>
> Regards and 73' Pietro HB9RXC
>
> ----Messaggio originale----
> Da: ka4prf@...

> Data: 03.02.2009 11.56
> A: <nrd-525-535@yahoogroups.com>
> Oggetto: Re: [nrd-525-535] RXCommander New
> Release
>
> Pietro
>
> Please repeat the URL to your web page where the
> program can be obtained.
>
> Chuck
>
> ----- Original Message -----
> From: pietrobossi
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, February 03, 2009 06:57
> Subject: [nrd-525-535] RXCommander New Release
>
>
> Hello All,
>
> I released a new version of my 525 / 535
> remote
> control software.
> In this version you will find:
>
> - New Audio tab, it's possible to record and
> play as wav files, filter
> audio with lowpass, hipass and notch filter.
> - Timer Audio Recording is now made with the
> internal recorder.
> - bug fixes and minor enhancements.
>
> Please have a look and let me know your
> suggestions and maybe request
> for other interesting features.
>
> I still working on the LOGBOOK tab......
> so....
> let me know also wath
> features would you have in the loogbook.
>
> Ciao from snowy south Switzerland ! Pietro
>
> hb9rxc.tripod.com
>

1899. NRD-535D...

Yahoo group: nrd-525-535
Date: 2009-02-10 16:47:05 UTC
From: floriselda48
Topic: 1899 Message: 1899

Hi guys:

I recently bought a 535D on E-Bay. My father got me into communications receivers early on, so I have a few units laying around the basement for comparison. My problem is that I notice my new radio is receiving signals not as well as say, my Grundig G-5. Now I realize that features are what I paid for, but I would have thought that this expensive unit would at least receive as well as the older models. I am using the same antenna, an RF systems EMF for the tests. With shortwave signals for example, the older radios will pull them in and they will sound fine, but then when I hook up the 535, it sounds fine, but you can tell that the signal strength is lacking. I had this buzzing/humming problem on AM, but stuck a piece of wire in the rear jack and it dissappeared! I discovered that the EMF works great for shortwave, but I'm going to have to get a switchbox to change to the shortwire on AM. Any suggestions on a better AM ant? I'm really into DXing on mediumwave.

I should mention that this unit is in new condition inside and out, with no signs of wear or impact.

Is there anywhere I can send this radio to be checked out -besides Universal- (my father always said to avoid them.)

Thank you very much for any input you can share.

Floris

1900. Re: [nrd-525-535] NRD-535D...

Yahoo group: nrd-525-535
Date: 2009-02-10 20:24:31 UTC
From: Chuck
Topic: 1899 Message: 1900

Floris,

Make sure you NRD535D isn't in the "BYPASS" mode
for medium wave band.
When the receiver is in bypass the MW band is
attenuated to almost nothing. This is an
intentional characteristic of the design.

You can actually see what kind of sensitivity the
receiver has by switching
the AGC off and using the RF gain to adjust the
signal strength.

Next I would open the receiver up and re-insert
the boards. Maybe one
or two of them came loose while in shipment?

Chuck
ka4prf@...

----- Original Message -----
From: floriselda48
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, February 10, 2009 16:47
Subject: [nrd-525-535] NRD-535D...

Hi guys:

I recently bought a 535D on E-Bay. My father got
me into
communications
receivers early on, so I have a few units laying
around the basement
for comparison. My problem is that I
notice my new radio is receiving signals not as
well as say, my
Grundig
G-5. Now I realize that features are what I paid
for, but I would
have
thought that this expensive unit would at least
receive as well as
the
older models. I am using the same antenna, an RF
systems EMF for the
tests. With shortwave signals for example, the
older radios will pull

them in and they will sound fine, but then when I hook up the 535, it
sounds fine, but you can tell that the signal strength is lacking.
I had this buzzing/humming problem on AM, but stuck a piece of wire
in the rear jack and it dissappeared! I discovered that the EMF works
great for shortwave, but I'm going to have to get a switchbox to
change to the shortwire on AM. Any suggestions on a better AM ant?
I'm really into DXing on mediumwave.

I should mention that this unit is in new condition inside and out,
with
no signs of wear or impact.

Is there anywhere I can send this radio to be checked out -besides
Universal- (my father always said to avoid them.)

Thank you very much for any input you can share.

Floris

1901. Re: NRD-535D...

Yahoo group: nrd-525-535
Date: 2009-02-11 06:13:53 UTC
From: floriselda48
Topic: 1899 Message: 1901

--- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@...> wrote:
>
> Floris,
>
> Make sure you NRD535D isn't in the "BYPASS" mode
> for medium wave band.
> When the receiver is in bypass the MW band is
> attenuated to almost nothing. This is an
> intentional characteristic of the design.
>
> You can actually see what kind of sensitivity the
> receiver has by switching
> the AGC off and using the RF gain to adjust the
> signal strength.
>
> Next I would open the receiver up and re-insert
> the boards. Maybe one
> or two of them came loose while in shipment?
>
> Chuck
> ka4prf@...
>
> ----- Original Message -----
> From: floriselda48
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, February 10, 2009 16:47
> Subject: [nrd-525-535] NRD-535D...
>
>
> Hi guys:
>
> I recently bought a 535D on E-Bay. My father got
> me into
> communications
> receivers early on, so I have a few units laying
> around the basement
> for comparison. My problem is that I
> notice my new radio is receiving signals not as
> well as say, my
> Grundig
> G-5. Now I realize that features are what I paid
> for, but I would
> have
> thought that this expensive unit would at least
> receive as well as

> the
> older models. I am using the same antenna, an RF
> systems EMF for the
> tests. With shortwave signals for example, the
> older radios will pull
> them in and they will sound fine, but then when
> I hook up the 535, it
> sounds fine, but you can tell that the signal
> strength is lacking.
> I had this buzzing/humming problem on AM, but
> stuck a piece of wire
> in the rear jack and it dissappeared! I
> discovered that the EMF works
> great for shortwave, but I'm going to have to
> get a switchbox to
> change to the shortwire on AM. Any suggestions
> on a better AM ant?
> I'm really into DXing on mediumwave.
>
> I should mention that this unit is in new
> condition inside and out,
> with
> no signs of wear or impact.
>
> Is there anywhere I can send this radio to be
> checked out -besides
> Universal- (my father always said to avoid
> them.)
>
> Thank you very much for any input you can share.
>
> Floris

Thank you for the response, Chuck.

The problem isn't so bad that the signal seems attenuated in any way. It actually seems quite normal. My point was that it just isn't up to par with my other radios. The 535 will have something somewhat in the mud whereas another will have it clearer with the same ant. However, if I didn't do the comparison, it would definitely seem to be working normally. Do you think this could be normal? I have heard that the 535D is not really known for it's reception cababilities as much as its elaborate set of features.

Floris
>

1902. Re: [nrd-525-535] Re: NRD-535D...

Yahoo group: nrd-525-535
Date: 2009-02-11 09:42:29 UTC
From: gandalfg8@aol.com
Topic: 1899 Message: 1902

In a message dated 11/02/2009 06:14:13 GMT Standard Time, florissca@...
writes:

The problem isn't so bad that the signal seems attenuated in any way.
It actually seems quite normal. My point was that it just isn't up to
par with my other radios. The 535 will have something somewhat in the
mud whereas another will have it clearer with the same ant. However,
if I didn't do the comparison, it would definitely seem to be working
normally. Do you think this could be normal? I have heard that the
535D is not really known for it's reception cababilities as much as
its elaborate set of features.

It depends how you define "reception capabilities".
Having the highest sensitivity is not necessarily an indication of a
"better" receiver aned can sometimes even be a disadvantage.

On the internet you'll quite often see reference to one or another cheap
receiver, some Chinese portables have been good examples, that is claimed to be
as good as, or even better than, a more expensive receiver because it can
hear just as many, or more, signals.
However, this takes no account of other important parameters such as strong
signal handling, selectivity and filtering, etc etc.

The only way to properly judge whether or not your receiver is workng to its
sensitivity specification would be to measure it, you will find some very
helpful advice here but remote diagnosis on such a borderline issue is probably
beyond most of us:-)

I wouldn't agree though that "the 535D is not really known for it's
reception cababilities as much as
its elaborate set of features".
It's an excellent receiver, especially so in the D version, but, again,
sensitivity is just one measure of that.

One complaint that has often been made though about the 535 is regarding its
audio quality, there was even a mod available from the UK importer around 15
years ago to replace the audio amp with an add in module, is it possible
that your impression of signals being "somewhat in the mud" could be more of an
audio issue than one of RF performance?

regards

Nigel
GM8PZR

1903. Re: [nrd-525-535] Re: NRD-535D...

Yahoo group: nrd-525-535
Date: 2009-02-11 10:58:51 UTC
From: Chuck
Topic: 1899 Message: 1903

Floris

I have the NRD535D, NRD 545 and the R390A. All
three are about equal
in sensitivity. Last year my 545 got zapped with
static electricity and I
had to send it to Universal for repairs. I used
the 535 in the meantime. I
almost decided to use the 535 full time after I
got the 545 back from repairs
because it was doing so well.

I think you ought to reset the boards as I
suggested before. I did that with
my 545 the other day and the signals were a little
better. Sometimes
it helps to do that. If that doesn't help, then
you might find someone with
a 535 and ask if you can test out some of their
boards with yours just to
see which ones are the problem?

If that is not possible, then I'd send it to
someone for an alignment. I don't
know where you live, so it's up to you to find a
repair shop.

Sorry

Chuck

----- Original Message -----
From: floriselda48
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, February 11, 2009 06:13
Subject: [nrd-525-535] Re: NRD-535D...

--- In nrd-525-535@yahoogroups.com, "Chuck"
<ka4prf@...> wrote:
>
> Floris,
>
> Make sure you NRD535D isn't in the "BYPASS"
mode
> for medium wave band.
> When the receiver is in bypass the MW band is
> attenuated to almost nothing. This is an

> intentional characteristic of the design.
>
> You can actually see what kind of sensitivity
the
> receiver has by switching
> the AGC off and using the RF gain to adjust
the
> signal strength.
>
> Next I would open the receiver up and
re-insert
> the boards. Maybe one
> or two of them came loose while in shipment?
>
> Chuck
> ka4prf@...
>
> ----- Original Message -----
> From: floriselda48
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, February 10, 2009 16:47
> Subject: [nrd-525-535] NRD-535D...
>
>
> Hi guys:
>
> I recently bought a 535D on E-Bay. My father
got
> me into
> communications
> receivers early on, so I have a few units
laying
> around the basement
> for comparison. My problem is that I
> notice my new radio is receiving signals not
as
> well as say, my
> Grundig
> G-5. Now I realize that features are what I
paid
> for, but I would
> have
> thought that this expensive unit would at
least
> receive as well as
> the
> older models. I am using the same antenna, an
RF
> systems EMF for the
> tests. With shortwave signals for example, the

> older radios will pull
> them in and they will sound fine, but then
when
> I hook up the 535, it
> sounds fine, but you can tell that the signal
> strength is lacking.
> I had this buzzing/humming problem on AM, but
> stuck a piece of wire
> in the rear jack and it dissappeared! I
> discovered that the EMF works
> great for shortwave, but I'm going to have to
> get a switchbox to
> change to the shortwire on AM. Any suggestions
> on a better AM ant?
> I'm really into DXing on mediumwave.
>
> I should mention that this unit is in new
> condition inside and out,
> with
> no signs of wear or impact.
>
> Is there anywhere I can send this radio to be
> checked out -besides
> Universal- (my father always said to avoid
> them.)
>
> Thank you very much for any input you can
share.
>
> Floris

Thank you for the response, Chuck.

The problem isn't so bad that the signal seems
attenuated in any way.
It actually seems quite normal. My point was
that it just isn't up to
par with my other radios. The 535 will have
something somewhat in the
mud whereas another will have it clearer with
the same ant. However,
if I didn't do the comparison, it would
definitely seem to be working
normally. Do you think this could be normal? I
have heard that the
535D is not really known for it's reception
cababilities as much as
its elaborate set of features.

Floris
>

1904. Re: NRD-535D...

Yahoo group: nrd-525-535
Date: 2009-02-11 20:31:28 UTC
From: floriselda48
Topic: 1899 Message: 1904

Thank you very much Nigel and Chuck.

Nigel, you raise some interesting points. I especially like the one about the audio, although I have an external speaker hooked up and it sounds pretty good. But I do know what you're saying. However, it's more than the audio. What I did was find a barely audible signal on the Grundig, and then found the same on the 535. With the G-5, the carrier was clearly stronger. The modulation was also louder and clearer with the G-5.

Chuck, I reset the boards and things are the same, but it was a nice idea just the same. It also gave me a chance to spend some time in there to see what was up. This radio is new even inside! -Good to know.

I was thinking about sending it to Sherwood for evaluation.

Thanks guys!

Floris

1905. Re: [nrd-525-535] Re: NRD-535D...

Yahoo group: nrd-525-535
Date: 2009-02-12 02:23:47 UTC
From: Brian Denley
Topic: 1899 Message: 1905

Not normal in any way. Any working 535 will blow the doors off any portable in virtually any category...especially a Grundig G5. You're talking about a receiver that went for $1500+ new. There was a reason for that. there is something very wrong with your receiver or you're not operating it correctly.

Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "floriselda48" <florissca@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, February 11, 2009 1:13 AM
Subject: [nrd-525-535] Re: NRD-535D...

. Do you think this could be normal? I have heard that the
535D is not really known for it's reception cababilities as much as
its elaborate set of features.

Floris
>

1906. **FS: Cust Dust Cover for NRD-545, 525, etc.**

Yahoo group: nrd-525-535
Date: 2009-02-12 16:38:19 UTC
From: kf6ikc
Topic: 1906 Message: 1906

Hi gang.
Just a quick note to let you know I am making dust covers for all the JRC gear.

PLEASE CONTACT ME DIRECTLY VIA MY WEBSITE BELOW...not here on the forum

www.radiodustcovers.com

I have currently a GRAY cover for the NRD-545 with the JRC logo in red and yellow and model # under it in red. This was a extra for a customer. Price is $35.00

I also make covers for just about all Ham/SW gear made from the 1930's to present.

Take care,Stan

1907. Re: buttons for direct frequency input do not work correct

Yahoo group: nrd-525-535
Date: 2009-02-13 20:11:00 UTC
From: Barry
Topic: 1886 Message: 1907

--- In nrd-525-535@yahoogroups.com, "brettlejoe" <brettlejoe@...>
wrote:
>
> Hi Barry,
>
> > replaced these switches in several 525's, they are really cheap
> switches that are easily found at digi-key and other places. They
> are
>
> do you have a typenumber of the switches and a web-adress where I
can
> order it ftro Germany?

No, I don't, sorry, but any electronic supplier sells identical
switches. You probably can get them from JRC for a much higher price.
I think they were about 15 cents each the last time I bought them
from Digi-Key. They are very very cheap switches.

>
> > NOT sealed switches. Usually, the switches aren't even worn out,
> the problem is actuall caused by people pressing too hard when
> entering frequencies, and the traces on the PC board have broken.
> Changing them out is a hassle, but if you have a desoldering
station,
> it's no big deal. Without one, it's a 4 hour job. I fixed the
traces
> with crazy glue and a trace pen.
>
> Why did you have to glue them? Did JRC also fix them with adhesive?
>

Because the person using the radios pressed so hard on the buttons
when using the radio, they caused the traces to break and come off
the PC board behind them. Some people are very hard button pressers,
and they will eventually cause the traces to break. The factory just
made the circuit boards like they always do, not expecting some
people to hit those buttons as hard as they do.

If you do it without a desoldering station, make sure you have some
glue and a trace pen handy, as you will almost certainly need them.

1908. Re: NRD-535D...

Yahoo group: nrd-525-535
Date: 2009-02-16 02:37:45 UTC
From: jtcasejr
Topic: 1899 Message: 1908

I recently picked up a used 535D off of Ebay, and immediately noticed terrible audio on all filter settings. It turned out to be the previous owner had installed a 500, 1, and 2.2 khz filters. Great if you are in to CW and SSB, but terrible for AM. I sent it to Kiwa Electronics and Craig installed new filters for me as well as some other audio upgrades. You may want to send it to him. Check out his 535D performance upgrades at www.Kiwa.com.

John

--- In nrd-525-535@yahoogroups.com, "floriselda48" <florissca@...> wrote:
>
> Thank you very much Nigel and Chuck.
>
> Nigel, you raise some interesting points. I especially like the one
> about the audio, although I have an external speaker hooked up and
it
> sounds pretty good. But I do know what you're saying. However, it's
> more than the audio. What I did was find a barely audible signal on
the
> Grundig, and then found the same on the 535. With the G-5, the
carrier
> was clearly stronger. The modulation was also louder and clearer
with
> the G-5.
>
> Chuck, I reset the boards and things are the same, but it was a
nice
> idea just the same. It also gave me a chance to spend some time in
> there to see what was up. This radio is new even inside! -Good to
know.
>
> I was thinking about sending it to Sherwood for evaluation.
>
> Thanks guys!
>
> Floris
>

1909. CFL-232

Yahoo group: nrd-525-535
Date: 2009-02-17 02:23:03 UTC
From: myteaquinn
Topic: 1909 Message: 1909

I bought a CFL232 but it dosen't have the red manufacturers sticker on it. It has the following printed on it.
YF455DQ
N D K
6201
Now the question, is this a NRD filter that can be installed in my NRD-525? I am hoping that this is a later manufactured filter.

1910. Re: [nrd-525-535] CFL-232

Yahoo group: nrd-525-535
Date: 2009-02-17 03:37:13 UTC
From: Brian Denley
Topic: 1909 Message: 1910

Yes that's the NRD 500 Hz CW filter: CFL-232. It can be mounted into the 525 or 535 but not the 545.
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "myteaquinn" <myteaquinn@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, February 16, 2009 9:23 PM
Subject: [nrd-525-535] CFL-232

I bought a CFL232 but it dosen't have the red manufacturers sticker on it. It has the following printed on it.
YF455DQ
N D K
6201
Now the question, is this a NRD filter that can be installed in my NRD-525? I am hoping that this is a later manufactured filter.

1911. Re: [nrd-525-535] CFL-232

Yahoo group: nrd-525-535
Date: 2009-02-17 15:31:35 UTC
From: Tom Quinn
Topic: 1909 Message: 1911

Thanks Brian that was the answer that I was hoping for.

North Central Ohio
NRD-525; NRD-535D; NRD-545
PAR EF-SWL
Eavesdropper-C Dipole

--- On Mon, 2/16/09, Brian Denley <b.denley@...> wrote:

From: Brian Denley <b.denley@...>
Subject: Re: [nrd-525-535] CFL-232
To: nrd-525-535@yahoogroups.com
Date: Monday, February 16, 2009, 10:37 PM

Yes that's the NRD 500 Hz CW filter: CFL-232. It can be mounted into the
525 or 535 but not the 545.
Brian Denley
http://home. comcast.net/ ~b.denley/ index.html

----- Original Message -----
From: "myteaquinn" <myteaquinn@yahoo. com>
To: <nrd-525-535@ yahoogroups. com>
Sent: Monday, February 16, 2009 9:23 PM
Subject: [nrd-525-535] CFL-232

I bought a CFL232 but it dosen't have the red manufacturers sticker on
it. It has the following printed on it.
YF455DQ
N D K
6201
Now the question, is this a NRD filter that can be installed in my NRD-
525? I am hoping that this is a later manufactured filter.

1912. NRD-535DK

Yahoo group: nrd-525-535
Date: 2009-02-17 23:45:51 UTC
From: jtcasejr
Topic: 1912 Message: 1912

I do not know how many of you in the group have had the performance upgrades from Kiwa installed on their 535's, but if you have not done so you may want to consider it.

I use my radios for both DXing as well as general program listening. When I first got the 535D I noticed the problems pointed out in reviews of the receiver in "Passport" and other articles. Mainly the poor audio, sync detector losing lock, and the AGC causing popping noises. Dynamic range was not all that hot either. I was running it side by my AR-7030 off the same antenna, and weak signals I could clearly hear and understand on the 7030 were muffled and indistinct on the 535D. I was very disappointed and was ready to sell it and move on.

Instead, I sent it to Kiwa, and the receiver was gone one week and one day, and came back an entirely different radio. I have decided to call it the NRD-535DK (K for Kiwa of course). Craig did all the upgrades on the menu for me; AGC, sync detector lock, audio upgrade, audio tone tilt, and ultimate inductor mods. He also installed the 8.5 khz filter he normally uses in the FL2 position (in his ultimate filter upgrade) in the aux position, and installed an 11 khz high quality filter in the FL2 position. He added a toggle switch to the rear panel (ala Gilfer mod referenced in his 535 upgrade page) so I can toggle between the 8.5 and 11 khz filters when in the aux position. The Intermediate is a 2.2, and the wide a 6.2 khz. he did this at my request to make the radio "sound like an AR-7030". I like the really wide bandwidths when I have a station in the clear enough to open the audio up and get some high fidelity.

Craig said it was the best sounding NRD-535 he'd ever heard and I agree. I have been testing it against the AR-7030 and it gives little, if anything, away to the 7030 so far. It sounds just as good, the sync detector locks and holds just as tight, and the NRD-535DK appears to be the more sensitive receiver of the two. Because of the poor audio I could not make that call before.

Am I happy? You bet!!! I would do this again in a heartbeat.

John

1913. Re: NRD-535D...

Yahoo group: nrd-525-535
Date: 2009-02-18 17:49:47 UTC
From: floriselda48
Topic: 1899 Message: 1913

I'm looking into that. Thank you John.

1914. Impedance of Crystal Filter ICOM FL-257??

Yahoo group: nrd-525-535
Date: 2009-02-19 17:00:49 UTC
From: r75_forever
Topic: 1914 Message: 1914

Hello to everyone at this group;

I need to know the impedance of the crystal filter ICOM FL-257 (3,3 kCs). Is there anyone who can tell me? Very thanks

73 + 55 Claus

1915. Re: NRD-535DK

Yahoo group: nrd-525-535
Date: 2009-02-23 20:02:13 UTC
From: John Dokulil
Topic: 1912 Message: 1915

John

I whole heartedly agree with your evaluation of the Kiwa 535D upgrades. Except for the sync detector lock (which for some reason I have never had any problems with), I had Kiwa do to my receiver all you had done to yours. I was amazed at the performance difference, especially in the receivers audio quality it's like night and day.

What bothers me is that JRC didn't do such quality work in the first place. It was oblivious from the first production model that there were problems especially with the units poor audio quality and display noise. The fact that JRC did nothing to rectify the receivers problems gives me pause concerning JRC's commitment to quality equipment especially at the price they were asking for the units when new.

Anyway, after the Kiwa upgrades, (and some of my own modifications), my 535DK now is performing at a point where I have no need to ever acquire another receiver. Anything out there that can outperform my 535DK is just to expensive for what little I would get in added performance. But then again, never say never.

If not for Kiwa's upgrades I would have sold my 535D long ago. Now it's my best and favorite receiver.

Good DX,

John Dokulil
WDX6GMX

1916. Re: [nrd-525-535] Re: NRD-535DK

Yahoo group: nrd-525-535
Date: 2009-02-24 02:49:44 UTC
From: Brian Denley
Topic: 1912 Message: 1916

John & John:
I wonder if all 535Ds have that problem. I have a late model 535Db and the audio quality is just fine. It sits next to an R8A, R-5000 and RX-350 and, other than the Drake, has just as good audio as the others. Is it possible that NRD eventually made some changes? Or my ears just not very discerning?
Brian
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "John Dokulil" <jdokulil@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, February 23, 2009 3:02 PM
Subject: [nrd-525-535] Re: NRD-535DK

John.

I whole heartedly agree with your evaluation of the Kiwa 535D upgrades. Except for the sync detector lock (which for some reason I have never had any problems with), I had Kiwa do to my receiver all you had done to yours. I was amazed at the performance difference, especially in the receivers audio quality. it's like night and day.

What bothers me is that JRC didn't do such quality work in the first place. It was oblivious from the first production model that there were problems. especially with the units poor audio quality and display noise. The fact that JRC did nothing to rectify the receivers problems gives me pause concerning JRC's commitment to quality equipment. especially at the price they were asking for the units when new.

Anyway, after the Kiwa upgrades, (and some of my own modifications), my 535DK now is performing at a point where I have no need to ever acquire another receiver. Anything out there that can outperform my 535DK is just to expensive for what little I would get in added performance. But then again, never say never.

If not for Kiwa's upgrades. I would have sold my 535D long ago. Now it's my best and favorite receiver.

Good DX,

John Dokulil
WDX6GMX

1917. Re: [nrd-525-535] Re: NRD-535DK

Yahoo group: nrd-525-535
Date: 2009-02-24 03:48:07 UTC
From: Bob Betts
Topic: 1912 Message: 1917

Brian, same thing here. I have two 535D radios along side an R-5000, R-71A, FRG 7700, Philips 2999, Racal 6790/GM, W-J8718, Harris R-590, amongst other transient receivers. They are fed from a switch box by the same antenna. Many times I have to look to see which radio is playing - there really isn't much audio difference. Of course, all of them are fed to external speakers, b/c I really don't like any of the internal speakers. I have heard this complaint before, but associated it more with 525 and 515 receivers, than the 535D. I had a 525 for a while and it was certainly a bit muddy sounding. My 515, which I'll never sell, is also in need of some audio mods to fix that same condition. I usually just detune it to recover some of the high end and loose the excessive bass -- not a pressing problem at the moment.
Maybe there were some minor changes in the 535D's audio chain over the years...dunno. But some day I'll mod one and leave the other stock, then do an A/B test. Sometimes, seeking better fidelity can lead to unwanted results, like enhancing the noise floor, or increasing hiss or hum. I learned that using one with a Kiwa MAP detector and tapping the audio at the IF stage. The audio bandwidth was broad and flat, but so was all the undesirable junk, previously hidden by the shaped response.

Good listening,
Bob

http://www.bobsamerica.com
Music, Audio, Radio
"It's all good."

--- On Mon, 2/23/09, Brian Denley <b.denley@...> wrote:

From: Brian Denley <b.denley@...>
Subject: Re: [nrd-525-535] Re: NRD-535DK
To: nrd-525-535@yahoogroups.com
Date: Monday, February 23, 2009, 9:49 PM

John & John:
I wonder if all 535Ds have that problem. I have a late model 535Db and the audio quality is just fine. It sits next to an R8A, R-5000 and RX-350 and, other than the Drake, has just as good audio as the others. Is it possible that NRD eventually made some changes? Or my ears just not very discerning?
Brian
http://home. comcast.net/ ~b.denley/ index.html

----- Original Message -----
From: "John Dokulil" <jdokulil@att. net>
To: <nrd-525-535@ yahoogroups. com>
Sent: Monday, February 23, 2009 3:02 PM
Subject: [nrd-525-535] Re: NRD-535DK

John.

I whole heartedly agree with your evaluation of the Kiwa 535D upgrades. Except for the sync detector lock (which for some reason I have never had any problems with), I had Kiwa do to my receiver all you had done to yours. I was amazed at the performance difference, especially in the receivers audio quality. it's like night and day.

What bothers me is that JRC didn't do such quality work in the first place. It was oblivious from the first production model that there were problems. especially with the units poor audio quality and display noise. The fact that JRC did nothing to rectify the receivers problems gives me pause concerning JRC's commitment to quality equipment. especially at the price they were asking for the units when new.

Anyway, after the Kiwa upgrades, (and some of my own modifications) , my 535DK now is performing at a point where I have no need to ever acquire another receiver. Anything out there that can outperform my 535DK is just to expensive for what little I would get in added performance. But then again, never say never.

If not for Kiwa's upgrades. I would have sold my 535D long ago. Now it's my best and favorite receiver.

Good DX,

John Dokulil
WDX6GMX

1919. Re: NRD-535DK

Yahoo group: nrd-525-535
Date: 2009-02-24 21:59:06 UTC
From: Paul Lannuier
Topic: 1912 Message: 1919

My friend John makes excellent points -- I agree 100% that Kiwa does superb work in modifying and improving the NRD-535, and I routinely recommend Kiwa to anyone who asks me. One of my 515s is loaded with Kiwa filter modules, and it's a champ.

But regarding "commitment to quality"... Wow. I must defend poor JRC's honor!

I'd say JRC was far above average compared to other JA manufacturers. They were smart enough to employ a dedicated, brilliant and universally beloved SWL in their US office (what was that guy's name...?) who fielded complaints and concerns from customers, passed all of them on to the home office, and asked -- nay, demanded! -- that such issues be addressed. The factory in turn did his bidding, if for no other reason than to shut him up. [;)]

But seriously...

While the NRD-535D may never have reached perfection, it certainly was improved over the course of it's production. After the first NRD-535s came off the assembly line I constantly poked and prodded the factory to modify the radio in subsequent production runs in response to our customers' wish lists -- not just to fix 'bugs' but also to add extra functionality that was never promised in the original specs -- and although things like audio quality and display noise could not be addressed in production, the engineers were willing to make several improvements to the NRD-535 during its lifetime. When possible, JRC offered upgrades free of charge, the sole exception being the BWC modification kit which was pretty much sold below cost. To say that JRC did "nothing to rectify the receivers problems" isn't entirely accurate; maybe not all of the NRD-535's problems were rectified, but quite a few were indeed fixed.

Additionally, JRC-NY supported and maintained good relations with third-party companies who modified the receivers for hard-core DXers -- we made Sherwood an authorized dealer knowing full well that he was going to dig in and hot-rod the thing, and never to my knowledge did JRC void a warranty because of any aftermarket modifications (at least not during my tenure).

Re: Audio quality -- The NRD-5x5 series of receivers have an SSB marine radio heritage, not consumer electronics, so AM audio quality was probably never a top priority -- although, God knows, I worked my ass off trying to convince them that it should be. The upside is, these radios were built to last. The fact that so many NRD-505/515/525/535 receivers are still alive and working well today (and not in a landfill

with all those microprocessor-dead R71As and R-5000s) is a testament to JRC quality. And thanks to firms like Kiwa and Sherwood, those of us who demand perfection at least have some recourse.

Just my 2 cents...

73!
Paul WW2PT

Disclaimer: I haven't been on JRC's payroll for over 15 years, so I have no financial motivation to defend them. But if they want to send a check, my address is OK in callbook... [:)]

1920. Re: [nrd-525-535] Re: NRD-535DK

Yahoo group: nrd-525-535
Date: 2009-02-25 02:06:04 UTC
From: Brian Denley
Topic: 1912 Message: 1920

Great post Paul. Thanks! And thanks for all you did to help develop the receiver. I love all my radios but the NRD still 'feels' better than any of the others. That company obviously paid great attention to ergonometrics.
Brian
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Paul Lannuier" <paul@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, February 24, 2009 4:59 PM
Subject: [nrd-525-535] Re: NRD-535DK

My friend John makes excellent points -- I agree 100% that Kiwa does superb work in modifying and improving the NRD-535, and I routinely recommend Kiwa to anyone who asks me. One of my 515s is loaded with Kiwa filter modules, and it's a champ.

But regarding "commitment to quality"... Wow. I must defend poor JRC's honor!.....

1921. Selling: JRC NRD-535-D

Yahoo group: nrd-525-535
Date: 2009-02-25 07:37:22 UTC
From: Kees
Topic: 1921 Message: 1921

I sell one of my D-versions of the NRD-535.
With BWC, ECSS and 1 kHz options.
Also with user manual, service manual and RS-232 cable for remote control.
Technically 100% ok. Some users marks.
Asking 600 euro's. Photo's on request.

Reason: I bought a transceiver so one NRD has to move to make some space.....

http://keesvanengelen.nl/comhok.html

1922. RXCommander: new release !

Yahoo group: nrd-525-535
Date: 2009-02-25 09:45:35 UTC
From: pietro
Topic: 1922 Message: 1922

Hello,

I just uploaded the new release of the RXCommander software !

Just have a look at http://hb9rxc.tripod.com for the news ! Hope you
will enjoy and have a lot of fun !

Waiting for your comment, regards Pietro

1923. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2009-02-25 17:47:18 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 1923

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Sherwood 535D Mod to add SE-3 Output.pdf
Uploaded by : jtcasejr <jtcasejr@...>
Description : 535D mod to add Sherwood Engineering SE-3 IF Output

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Sherwood%20535D%20Mod%20to%20add%20SE-3%20Output.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

jtcasejr <jtcasejr@...>

1924. Selling all (spare) parts of a JRC NRD535 D

Yahoo group: nrd-525-535
Date: 2009-03-04 09:53:34 UTC
From: Kees
Topic: 1924 Message: 1924

For sale:

all spare parts of a NRD535 D (so also ECSS, BWC and 1 kHz)

Give me an email and what you need, together with an estimate you want to spend for it.

73

Kees

1925. Re: [nrd-525-535] Selling all (spare) parts of a JRC NRD535 D

Yahoo group: nrd-525-535
Date: 2009-03-04 11:05:40 UTC
From: Chuck
Topic: 1924 Message: 1925

Kees,

Do you have any parts for the NRD 525?

Chuck
ka4prf@...

----- Original Message -----
From: Kees
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, March 04, 2009 09:53
Subject: [nrd-525-535] Selling all (spare) parts
of a JRC NRD535 D

For sale:

all spare parts of a NRD535 D (so also ECSS, BWC
and 1 kHz)

Give me an email and what you need, together
with an estimate you want to spend for it.

73

Kees

1926. Re: Selling all (spare) parts of a JRC NRD535 D

Yahoo group: nrd-525-535
Date: 2009-03-04 17:48:07 UTC
From: james55623
Topic: 1924 Message: 1926

Hi,
I would be intrested where are you based?

Regards
Jim
--- In nrd-525-535@yahoogroups.com, "Kees" <yahoogroups@...> wrote:
>
> For sale:
>
> all spare parts of a NRD535 D (so also ECSS, BWC and 1 kHz)
>
> Give me an email and what you need, together with an estimate you want to spend for it.
>
>
> 73
>
> Kees
>

1927. Re: [nrd-525-535] Selling all (spare) parts of a JRC NRD535 D

Yahoo group: nrd-525-535
Date: 2009-03-05 02:30:58 UTC
From: Brian Denley
Topic: 1924 Message: 1927

Any other filters beside the standard 535D kit?
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Kees" <yahoogroups@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, March 04, 2009 4:53 AM
Subject: [nrd-525-535] Selling all (spare) parts of a JRC NRD535 D

For sale:

all spare parts of a NRD535 D (so also ECSS, BWC and 1 kHz)

Give me an email and what you need, together with an estimate you want to
spend for it.

73

Kees

1928. Re: Selling all (spare) parts of a JRC NRD535 D

Yahoo group: nrd-525-535
Date: 2009-03-05 08:32:59 UTC
From: Kees
Topic: 1924 Message: 1928

Hello all,

I do not have any parts of the 525.

And I am located in the Netherlands, shipping shouldn't be a problem.

I do not have other parts than the NRD535D version.

I am dismantling a receiver, that's why.

73

Kees

1929. Re : [nrd-525-535] Re: Selling all (spare) parts of a JRC NRD535 D

Yahoo group: nrd-525-535
Date: 2009-03-05 19:22:13 UTC
From: michel soldevila
Topic: 1929 Message: 1929

Hi Kees, I would be interested in the BWC option (unit CFL243W) ; do you have it available ? What price ? 'm located in France
Best regards
Mike

--- En date de : Jeu 5.3.09, Kees <yahoogroups@...> a écrit :

De: Kees <yahoogroups@...>
Objet: [nrd-525-535] Re: Selling all (spare) parts of a JRC NRD535 D
À: nrd-525-535@yahoogroups.com
Date: Jeudi 5 Mars 2009, 10h32

Hello all,

I do not have any parts of the 525.

And I am located in the Netherlands, shipping shouldn't be a problem.

I do not have other parts than the NRD535D version.

I am dismantling a receiver, that's why.

73

Kees

1930. For Sale: JRC NRD-525 Receiver

Yahoo group: nrd-525-535
Date: 2009-03-12 23:00:02 UTC
From: kg4big
Topic: 1930 Message: 1930

I am offering for sale a really nice fairly late model JRC NRD-525. Serial number is 48771. It comes with original box & manual. It also has the CFL-218A (YF455EBF) 1.8 khz XTAL filter installed in the narrow position.

The receiver is in super nice condition & works 100%. No issues. The only blemish on it is a slight scatch on the left hand side and a small scratch on the top side of the plastic front bezel. Both are minor IMHO but enough to keep this one from being "mint as new".

$485.00 shipped UPS ground. A Very fair price.

If you are looking or wanting a nice late model 525....you will be pleased with this one.

73, Kenny KG4BIG

1931. Re: For Sale: JRC NRD-525 Receiver SOLD

Yahoo group: nrd-525-535
Date: 2009-03-14 20:26:45 UTC
From: kg4big
Topic: 1930 Message: 1931

SOLD

--- In nrd-525-535@yahoogroups.com, "kg4big" <kg4big@...> wrote:
>
> I am offering for sale a really nice fairly late model JRC NRD-525. Serial number is 48771. It comes with original box & manual. It also has the CFL-218A (YF455EBF) 1.8 khz XTAL filter installed in the narrow position.
>
> The receiver is in super nice condition & works 100%. No issues. The only blemish on it is a slight scatch on the left hand side and a small scratch on the top side of the plastic front bezel. Both are minor IMHO but enough to keep this one from being "mint as new".
>
> $485.00 shipped UPS ground. A Very fair price.
>
> If you are looking or wanting a nice late model 525....you will be pleased with this one.
>
> 73, Kenny KG4BIG
>

1932. Selling options for NRD535

Yahoo group: nrd-525-535
Date: 2009-03-15 19:57:32 UTC
From: Kees
Topic: 1932 Message: 1932

Hi all selling options for the NRD535:

BWC (CFL-243W)
ECSS (CMF-78)
1 kHz Filter (CFL-233 / YF455DE)

Mail me for prices.
Shipping from The Netherlands.

73

Kees

1933. Re : [nrd-525-535] Selling options for NRD535

Yahoo group: nrd-525-535
Date: 2009-03-17 18:22:50 UTC
From: michel soldevila
Topic: 1933 Message: 1933

Hi Kees, I'm interested in CFL243W ; what is your price ?
73 de F1GOC, op. Mike

--- En date de : Dim 15.3.09, Kees <yahoogroups@...> a écrit :

De: Kees <yahoogroups@...>
Objet: [nrd-525-535] Selling options for NRD535
À: nrd-525-535@yahoogroups.com
Date: Dimanche 15 Mars 2009, 21h57

Hi all selling options for the NRD535:

BWC (CFL-243W)
ECSS (CMF-78)
1 kHz Filter (CFL-233 / YF455DE)

Mail me for prices.
Shipping from The Netherlands.

73

Kees

1934. Just put my JRC NRD-535 on eBay

Yahoo group: nrd-525-535
Date: 2009-03-17 20:50:20 UTC
From: wbovi
Topic: 1934 Message: 1934

Hello all. In the event that you or a friend or relative might be interested in this unit, I invite you to check out my eBay ad which just started a few minutes ago and runs through Mar-22-09 13:45:12 PDT (4 days 23 hours)

Thanks!
Wayne

1935. Re: Just put my JRC NRD-535 on eBay (with item number!)

Yahoo group: nrd-525-535
Date: 2009-03-17 21:09:57 UTC
From: wbovi
Topic: 1934 Message: 1935

--- In nrd-525-535@yahoogroups.com, "wbovi" <wbovi@...> wrote:
>
> Hello all. In the event that you or a friend or relative might be interested in this unit, I invite you to check out my eBay ad which just started a few minutes ago and runs through
> Mar-22-09 13:45:12 PDT (4 days 23 hours)
>
> Thanks!
> Wayne
>

Oops! Meant to tell you all the item number on eBay.

160322339384

Sorry about that!

Regards,
Wayne

1936. Re: Impedance of Crystal Filter ICOM FL-257??

Yahoo group: nrd-525-535
Date: 2009-03-20 01:11:24 UTC
From: asantos2003
Topic: 1914 Message: 1936

Claus,

Some time ago I installed a FL-257 filter in my AR7030+ using a custom made filter board.

I can say for sure that this filter has an impedance around 1500 to 2000 ohms because it matches the impedance required by the AR7030 main board.

By the way, it is a great filter.

73,

André

--- In nrd-525-535@yahoogroups.com, "r75_forever" <clausgalow@...> wrote:
>
> Hello to everyone at this group;
>
> I need to know the impedance of the crystal filter ICOM FL-257 (3,3
> kCs). Is there anyone who can tell me? Very thanks
>
> 73 + 55 Claus
>

1937. Re: [nrd-525-535] Re: Impedance of Crystal Filter ICOM FL-257??

Yahoo group: nrd-525-535
Date: 2009-03-20 17:10:50 UTC
From: Claus Galow
Topic: 1914 Message: 1937

Andr?,

thanks for the information. Yes - it's true. The FL-257 is very good
for SSB / ECSS wide
and narrow AM. I had one in the R75, which I recently sold. Well, I
looked for a used FL-257
to upgrade my NRD-515 at filter position "AUX" . Unfortunately I don`t
found some used
FL-257. A new one is much to expensive. Therefore, I have a good
compromise installing
a 4 kc/s Collins mechanical filter instead of the ICOM crystal filter.
It sounds good and its
bandwith is very usable in tropical bands or the medium wave band for
example. With this
upgrade the NRD-515 is my favorite receiver! I also own a NRD-535D, a
AOR 3030
and a Sony ICF2001D (european model of ICF-2010)
Nice day and best wishes

Claus

asantos2003 schrieb:
>
> Claus,
>
> Some time ago I installed a FL-257 filter in my AR7030+ using a custom
> made filter board.
>
> I can say for sure that this filter has an impedance around 1500 to
> 2000 ohms because it matches the impedance required by the AR7030 main
> board.
>
> By the way, it is a great filter.
>
> 73,
>
> Andr?
>

1938. RXCommander, new version 22 march 2009

Yahoo group: nrd-525-535
Date: 2009-03-22 17:40:38 UTC
From: pietrobossi
Topic: 1938 Message: 1938

Hello List,

just to inform you that I released a new (and maybe last) version of my remote controller RXCommander for both 525 and 535.

Please have a look at http://hb9rxc.tripod.com then go to amateur radio page and download it. It's of course absolutely free !

After downloading, unzip in a folder of your choice. No files or registry are modified.

Please take care to modify the rxcommander.ini to reflect your setup about radio model, comunication port, etc...

If you have any question, proposal, bug report, etc... please feel free to contact me !

Ciao de Pietro HB9RXC !!

1939. NRD-535D vs NRD-545

Yahoo group: nrd-525-535
Date: 2009-03-20 01:25:23 UTC
From: asantos2003
Topic: 1939 Message: 1939

Hello,

I was wondering if someone here had the opportunity to compare the performance of the 535D and the 545.

I have a 535 LE (Lowe Edition). It has all the Lowe mods and most of the 535 "D" options installed but the BWC board. Of course, it has a fantastic performance.

I've been thinking about an offer to trade my 535 for a like new 545. Should I take it?

Thanks for any advice.

André

1940. Re: [nrd-525-535] NRD-535D vs NRD-545

Yahoo group: nrd-525-535
Date: 2009-03-27 01:08:22 UTC
From: Chuck
Topic: 1939 Message: 1940

Andre'

I have both receivers - they both have the same sensitivity, but
the 545 is more fun with all of the bells and whistles. But with
the bells and whistles, the 545 out performs the 535D.

Chuck

----- Original Message -----
From: asantos2003
To: nrd-525-535@yahoogroups.com
Sent: Friday, March 20, 2009 01:25
Subject: [nrd-525-535] NRD-535D vs NRD-545

Hello,

I was wondering if someone here had the opportunity to compare the performance of the 535D and the 545.

I have a 535 LE (Lowe Edition). It has all the Lowe mods and most of the 535 "D" options installed but the BWC board. Of course, it has a fantastic performance.

I've been thinking about an offer to trade my 535 for a like new 545. Should I take it?

Thanks for any advice.

Andr?

1941. Re: [nrd-525-535] NRD-535D vs NRD-545

Yahoo group: nrd-525-535
Date: 2009-03-27 01:13:51 UTC
From: Bob Betts
Topic: 1939 Message: 1941

Andre:
There's really no way to answer that, it would just be opinion.
I listen to both, almost daily. I have a love affair with the 535D. It's everything an SWL could want (that's my opinion). The 545 is technically superior, and I love that radio too. But it may be too good, because I find myself using the 535D more often, which seems to be friendlier and have more character (of course, that's more opinion).
In side-by-side testing, the 545 does sometimes hear stuff the 535D doesn't, but very seldom. Still, the 535D is easier on the ears.
I'm glad you didn't ask about the 515, otherwise this would be a really long post.
I have some reviews here:
http://www.bobsamerica.com/receiver-reviews.html

Good signals,
Bob

http://www.bobsamerica.com
Music, Audio, Radio
"It's all good."

--- On Thu, 3/19/09, asantos2003 <andresantos@...> wrote:

From: asantos2003 <andresantos@...>
Subject: [nrd-525-535] NRD-535D vs NRD-545
To: nrd-525-535@yahoogroups.com
Date: Thursday, March 19, 2009, 9:25 PM

Hello,

I was wondering if someone here had the opportunity to compare the performance of the 535D and the 545.

I have a 535 LE (Lowe Edition). It has all the Lowe mods and most of the 535 "D" options installed but the BWC board. Of course, it has a fantastic performance.

I've been thinking about an offer to trade my 535 for a like new 545. Should I take it?

Thanks for any advice.

André

1942. Re: [nrd-525-535] NRD-535D vs NRD-545

Yahoo group: nrd-525-535
Date: 2009-03-27 01:16:15 UTC
From: Brian Denley
Topic: 1939 Message: 1942

Andre:
You would do well to read published reviews of the NRD-535D and 545 to see how the experts about the pluses and minuses of both receivers, as well as feedback from users.
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "asantos2003" <andresantos@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Thursday, March 19, 2009 9:25 PM
Subject: [nrd-525-535] NRD-535D vs NRD-545

Hello,

I was wondering if someone here had the opportunity to compare the performance of the 535D and the 545.

I have a 535 LE (Lowe Edition). It has all the Lowe mods and most of the 535 "D" options installed but the BWC board. Of course, it has a fantastic performance.

I've been thinking about an offer to trade my 535 for a like new 545. Should I take it?

Thanks for any advice.

Andr?

1943. Re: [nrd-525-535] NRD-535D vs NRD-545

Yahoo group: nrd-525-535
Date: 2009-03-27 01:21:22 UTC
From: Bob Betts
Topic: 1939 Message: 1943

That's a good point Brian.
And www.Eham.com is one place that has a bunch of reviews from impartial users. I wouldn't take every word for gospel, but there's a lot of good reading there.
Bob

http://www.bobsamerica.com
Music, Audio, Radio
"It's all good."

--- On Thu, 3/26/09, Brian Denley <b.denley@...> wrote:

From: Brian Denley <b.denley@...>
Subject: Re: [nrd-525-535] NRD-535D vs NRD-545
To: nrd-525-535@yahoogroups.com
Date: Thursday, March 26, 2009, 9:16 PM

Andre:
You would do well to read published reviews of the NRD-535D and 545 to see how the experts about the pluses and minuses of both receivers, as well as feedback from users.
Brian Denley
http://home. comcast.net/ ~b.denley/ index.html

----- Original Message -----
From: "asantos2003" <andresantos@ ymail.com>
To: <nrd-525-535@ yahoogroups. com>
Sent: Thursday, March 19, 2009 9:25 PM
Subject: [nrd-525-535] NRD-535D vs NRD-545

Hello,

I was wondering if someone here had the opportunity to compare the performance of the 535D and the 545.

I have a 535 LE (Lowe Edition). It has all the Lowe mods and most of the 535 "D" options installed but the BWC board. Of course, it has a fantastic performance.

I've been thinking about an offer to trade my 535 for a like new 545. Should I take it?

Thanks for any advice.

André

1944. Mod to greatly reduce the 535 display RFI noise problem

Yahoo group: nrd-525-535
Date: 2009-03-31 14:00:53 UTC
From: exploreaustralia
Topic: 1944 Message: 1944

The concept of this mod will work on any radio.
I spent weeks doing little experiments trying to reduce the display RFI.

Now for the facts.
Yes, there is some RFI coming from the VFD (vacuum fluorescent display) component, but 95% is from the front panel electronics and switches.
The switches are continually scanned to detect if they are pressed. All that scanning creates a LOT of RFI.
The main RFI generator is the EPROM, if it is not properly shielded you may as well not bother.

When the NRD-535d was made, multi layer PCBs (printed circuit boards) were not readily available so they used a 2 layer PCB.
Unfortunately, the circuit layout designer only had digital experience and NO RF skills, as they did almost nothing to reduce RFI on the PCB.
The real fix is to use a 4 layer PCB and a simple RFI shield but that would be difficult and a bit expensive.

Looking at the front panel board makes me think that this radio would not have passed any government regulatory body testing.

So it is simple, fit a shield to the front of the PCB, the back already has a metal cover.
Unfortunately it is not a simple design.
It took me about 30 hours to work it out and 6 hours to make the shield and 3 hours to fit it.
As I could not get the material I needed, so I made my own RFI shielding, you may have better luck finding suitable material.
The shield is VERY thin copper foil, stuck onto a single sheet of adhesive labeling paper.
Great care needs to be taken not to damage the paper as it is your insulator.
Before sticking the label onto the copper sheet , print the template onto the label.

THIS IS VERY IMPORTANT:
IF YOU DO THIS WRONG YOU WILL DAMAGE YOUR RADIO. PAPER SIDE TO PBC.
You will need to think about what you are doing, you are going to place this insulated copper sheet on to the front panel PCB and solder it into place.
None of the copper sheet is to come in contact with ANY part of the PCB or components except where you solder it to ground.
If have never done fine work before, do not start.
Take your time and do it right first time.
Part of the shield template will look wrong, the tongue is to be placed under the VFD.
I used thin double sided tape to hold the shield in place before it was soldered then held in place be the switch button cages.

When I was done.
The results are outstanding.
It is a completely different radio.

Now the NRD-535D can be on with any of my other radios operating causing NO interference.

I am still getting use to its new usefulness.

In the next day or two I will place the images and graphics of the shield in the files area for all to see.

The next RFI area is the CPU board and reducing the cross talk in the power lines throughout the radio. I hope that will reduce its noise floor.

Regards John

1945. Re: [nrd-525-535] Mod to greatly reduce the 535 display RFI noise problem

Yahoo group: nrd-525-535
Date: 2009-03-31 18:00:50 UTC
From: John Dokulil
Topic: 1944 Message: 1945

John

Magnificent. I applaud you, and await your images and graphics of the shield in the files area. I for one have been fooling around with ideas on lowering the RFI for years and often thought of just doing the same, but never got around to it. Definitely willing to give this a try.

John
WDX6GMX

----- Original Message -----
From: exploreaustralia
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, March 31, 2009 06:00 AM
Subject: [nrd-525-535] Mod to greatly reduce the 535 display RFI noise problem

The concept of this mod will work on any radio.
I spent weeks doing little experiments trying to reduce the display RFI.

Now for the facts.
Yes, there is some RFI coming from the VFD (vacuum fluorescent display) component, but 95% is from the front panel electronics and switches.
The switches are continually scanned to detect if they are pressed. All that scanning creates a LOT of RFI.
The main RFI generator is the EPROM, if it is not properly shielded you may as well not bother.

When the NRD-535d was made, multi layer PCBs (printed circuit boards) were not readily available so they used a 2 layer PCB.
Unfortunately, the circuit layout designer only had digital experience and NO RF skills, as they did almost nothing to reduce RFI on the PCB.
The real fix is to use a 4 layer PCB and a simple RFI shield but that would be difficult and a bit expensive.

Looking at the front panel board makes me think that this radio would not have passed any government regulatory body testing.

So it is simple, fit a shield to the front of the PCB, the back already has a metal cover.
Unfortunately it is not a simple design.
It took me about 30 hours to work it out and 6 hours to make the shield and 3 hours to fit it.
As I could not get the material I needed, so I made my own RFI shielding, you may have better luck finding suitable material.

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In the next day or two I will place the images and graphics of the shield in the files area for all to see.

The next RFI area is the CPU board and reducing the cross talk in the power lines throughout the radio. I hope that will reduce its noise floor.

Regards John

1946. Re: NRD-535D vs NRD-545

Yahoo group: nrd-525-535
Date: 2009-03-31 17:37:11 UTC
From: swradioman
Topic: 1939 Message: 1946

Andre,
I think that you are seeing that you give people two options and you ask for an opinion and the result is now you have contrasting opinions. It would be akin to asking which is better, a Honda or a Toyota and you are guaranteed to get 2 different answers. But with the JRC equipment, it is manufactured by the same company, of course.

In using both receivers and really running both thru their paces, the 545 certainly does have more bells and whistles. However, the features on the 535D are sufficient for vitually all but the most unusual listening situations. I once had an expensive VHS player and it had picture freeze and super slo mo pictures. I rarely used the features and they only served to clutter the remote control.

In using this comparison to the 535D and the 545, I actually prefer the 535D over the 545. The 535D is an outstanding unit and sounds better, in my opinion, than the DSP featured 545 receiver. However, my opinion is tempered by my listening preferences. I like to tune into shortwave while I do work here at the house. Yes, I do some DXing and there are times when the controls of both the 535D and the 545 are necessary for good signal copy. However, in most of the cases, I prefer the "sound" from the 535D over the 545.

Thus, if you are really into DXing weak signals, you may prefer the 545 as it may have a slight edge. But if you, like me, prefer to listen and sit on a frequency for programming, then you may lean toward the 535D. Just to clarify, I export the audio from both units into an inline DSP unit and then into my Sounds Sweet speaker. This both cleans up the signal and gives some added audio depth. However, the 545 still sounds very thin even when not utilizing the onboard speaker.

In an effort to improve the sound from the 545, I tried to connect by bypassing the inline DSP and connecting directly to the Sounds Sweet speaker. This did not help much so I even connected to my home receiver using the audio outputs. However, the sound was still very thin when compared to the 535D.

I am not sure if this is the case with all 545's, but it was the case with 2 of them that I have run thru their paces. Other than the audio, which is a deal maker and breaker for me, the sensitivity and signal recovery was outstanding for both with a slight edge perhaps going to the 545 due to the extra features used on an occassion.

In my opionion, the extra money paid for the 545 would be better spent in purchasing the 535D and a couple of killer professional antennas running perpendicular to each other in order to give best signal from the transmitter. Thus, if you have this arrangement, you will have a great advantage for reception that the more expensive 545 is unlikely to be able to deliver.

Bottom line is that they are both excellent receivers and you would not make a bad choice with either!!

Sorry for being so wordy, but hope my 2 cents gives another perspective.

SWRadioman

--- In nrd-525-535@...m, "asantos2003" <andresantos@...> wrote:
>
> Hello,
>
> I was wondering if someone here had the opportunity to compare the performance of the 535D and the 545.
>
> I have a 535 LE (Lowe Edition). It has all the Lowe mods and most of the 535 "D" options installed but the BWC board. Of course, it has a fantastic performance.
>
> I've been thinking about an offer to trade my 535 for a like new 545. Should I take it?
>
> Thanks for any advice.
>
> André
>

1947. 525 empty box

Yahoo group: nrd-525-535
Date: 2009-04-01 17:02:52 UTC
From: imtheone2001
Topic: 1947 Message: 1947

Does anyone have an empty NRD-525 box they would be willing to sell?

1948. Re: Selling: JRC NRD-535-D

Yahoo group: nrd-525-535
Date: 2009-04-04 02:58:30 UTC
From: gloshusband
Topic: 1921 Message: 1948

--- In nrd-525-535@yahoogroups.com, "Kees" <yahoogroups@...> wrote:
>
> I sell one of my D-versions of the NRD-535.
> With BWC, ECSS and 1 kHz options.
> Also with user manual, service manual and RS-232 cable for remote control.
> Technically 100% ok. Some users marks.
> Asking 600 euro's. Photo's on request.
>
> Reason: I bought a transceiver so one NRD has to move to make some
> space.....
>
> http://keesvanengelen.nl/comhok.html
>

Kees, did you sell your NRD-535D rig yet? I would be interested. What would the shipping to a 49858 Zip code in the USA (Michigan) be?

1949. Re: Selling: JRC NRD-535-D

Yahoo group: nrd-525-535
Date: 2009-04-06 17:49:24 UTC
From: Kees
Topic: 1921 Message: 1949

Hi,

Well I stripped the RX from its options and sold that seperately.
I have left now:
+ 1 kHz filter
+ "bare" NRD535

When still interested in something, please let me know.

73

Kees

1950. I am looking or waterfall band monitoring software for a NRD-535D. Suggestions?

Yahoo group: nrd-525-535
Date: 2009-04-06 18:29:22 UTC
From: m_shankman
Topic: 1950 Message: 1950

I want to be able to leave the JRC NRD-535D receiver run for days and have it create a large "waterfall" display of spectrum usage on a Windows PC screen. Ideally, I would like to be able set the update (fall) time, the start and stop frequencys, and the incremental frequency jump for each pixel on the display. Has anyone had any experience with any software that will do this?

Recommendations? Suggestions? Thoughts?

Thanks all - Stan

1951. Re: NRD-535D vs NRD-545

Yahoo group: nrd-525-535
Date: 2009-04-06 18:42:37 UTC
From: asantos2003
Topic: 1939 Message: 1951

Thank you for all the replies.

The answers has been quite helpful to make up my mind.

I decided to keep my 535.

73,

André

--- In nrd-525-535@yahoogroups.com, "swradioman" <swradioman@...> wrote:
>
> Andre,
> I think that you are seeing that you give people two options and you ask for an opinion and the result is now you have contrasting opinions. It would be akin to asking which is better, a Honda or a Toyota and you are guaranteed to get 2 different answers. But with the JRC equipment, it is manufactured by the same company, of course.
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going to the 545 due to the extra features used on an occassion.
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> Bottom line is that they are both excellent receivers and you would not make a bad choice with either!!
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> Sorry for being so wordy, but hope my 2 cents gives another perspective.
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>
> SWRadioman
>
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> --- In nrd-525-535@yahoogroups.com, "asantos2003" <andresantos@> wrote:
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> >
> > I've been thinking about an offer to trade my 535 for a like new 545. Should I take it?
> >
> > Thanks for any advice.
> >
> > André
> >
>

1952. Re: [nrd-525-535] Re: Selling: JRC NRD-535-D

Yahoo group: nrd-525-535
Date: 2009-04-07 01:52:25 UTC
From: John Dokulil
Topic: 1921 Message: 1952

Kees

Do you have any of the knobs from the 535?
what exactly is left in the "Bare" NRD535?
I would be interested in getting them.

John
jdokulil@att.net

----- Original Message -----
From: Kees
To: nrd-525-535@yahoogroups.com
Sent: Monday, April 06, 2009 10:49 AM
Subject: [nrd-525-535] Re: Selling: JRC NRD-535-D

Hi,

Well I stripped the RX from its options and sold that seperately.
I have left now:
+ 1 kHz filter
+ "bare" NRD535

When still interested in something, please let me know.

73

Kees

1953. Re: [nrd-525-535] Re: Selling: JRC NRD-535-D

Yahoo group: nrd-525-535
Date: 2009-04-07 01:41:34 UTC
From: VLAD
Topic: 1921 Message: 1953

John,

I do have knobs for NRD-535.

Vlad, kb9olm

--- On Mon, 4/6/09, John Dokulil <jdokulil@...> wrote:

From: John Dokulil <jdokulil@att.net>
Subject: Re: [nrd-525-535] Re: Selling: JRC NRD-535-D
To: nrd-525-535@yahoogroups.com
Date: Monday, April 6, 2009, 6:52 PM

Kees

Do you have any of the knobs from the 535?
what exactly is left in the "Bare" NRD535?
I would be interested in getting them.

John
jdokulil@...

----- Original Message -----
From: Kees
To: nrd-525-535@yahoogroups.com
Sent: Monday, April 06, 2009 10:49 AM
Subject: [nrd-525-535] Re: Selling: JRC NRD-535-D

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+ 1 kHz filter
+ "bare" NRD535

When still interested in something, please let me know.

73

Kees

1954. Re: [nrd-525-535] Re: Selling: JRC NRD-535-D

Yahoo group: nrd-525-535
Date: 2009-04-07 05:29:58 UTC
From: John Dokulil
Topic: 1921 Message: 1954

Vlad...

How much for...
- Main tuning knob
- 2 tone style knobs
- Shipping to San Luis Obispo, California USA

John
WDX6GMX

----- Original Message -----
From: VLAD
To: nrd-525-535@yahoogroups.com
Sent: Monday, April 06, 2009 06:41 PM
Subject: Re: [nrd-525-535] Re: Selling: JRC NRD-535-D

John,

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Vlad, kb9olm

--- On Mon, 4/6/09, John Dokulil <jdokulil@...> wrote:

From: John Dokulil <jdokulil@att.net>
Subject: Re: [nrd-525-535] Re: Selling: JRC NRD-535-D
To: nrd-525-535@yahoogroups.com
Date: Monday, April 6, 2009, 6:52 PM

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what exactly is left in the "Bare" NRD535?
I would be interested in getting them.

John
jdokulil@...

----- Original Message -----
From: Kees
To: nrd-525-535@yahoogroups.com
Sent: Monday, April 06, 2009 10:49 AM
Subject: [nrd-525-535] Re: Selling: JRC NRD-535-D

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I have left now:
+ 1 kHz filter
+ "bare" NRD535

When still interested in something, please let me know.

73

Kees

1955. Re: [nrd-525-535] Re: Selling: JRC NRD-535-D

Yahoo group: nrd-525-535
Date: 2009-04-07 15:59:34 UTC
From: VLAD
Topic: 1921 Message: 1955

John,

I think I have two or more small knobs and a tuning knob.
I need to find them and after that I can tell you about their exact conditionn.

vlad

--- On Mon, 4/6/09, John Dokulil <jdokulil@...> wrote:

From: John Dokulil <jdokulil@...>
Subject: Re: [nrd-525-535] Re: Selling: JRC NRD-535-D
To: nrd-525-535@yahoogroups.com
Date: Monday, April 6, 2009, 10:29 PM

Vlad...

How much for...
- Main tuning knob
- 2 tone style knobs
- Shipping to San Luis Obispo, California USA

John
WDX6GMX

----- Original Message -----
From: VLAD
To: nrd-525-535@yahoogroups.com
Sent: Monday, April 06, 2009 06:41 PM
Subject: Re: [nrd-525-535] Re: Selling: JRC NRD-535-D

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Vlad, kb9olm

--- On Mon, 4/6/09, John Dokulil <jdokulil@att. net> wrote:

From: John Dokulil <jdokulil@att. net>
Subject: Re: [nrd-525-535] Re: Selling: JRC NRD-535-D
To: nrd-525-535@ yahoogroups. com
Date: Monday, April 6, 2009, 6:52 PM

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John
jdokulil@att. net

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From: Kees
To: nrd-525-535@ yahoogroups. com
Sent: Monday, April 06, 2009 10:49 AM
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+ "bare" NRD535

When still interested in something, please let me know.

73

Kees

1956. NRD-505 Schematics

Yahoo group: nrd-525-535
Date: 2009-04-07 16:43:46 UTC
From: Paul Lannuier
Topic: 1956 Message: 1956

In case anyone is interested, I scanned the NRD-505 schematic diagrams for a friend in Switzerland and posted them in PDF format on my '505 fanboy site under Links and Downloads <http://www.lannuier.com/nrd505/links.html> .

73,
Paul WW2PT

1957. Need something

Yahoo group: nrd-525-535
Date: 2009-04-07 16:30:38 UTC
From: ka4prf@peoplepc.com
Topic: 1957 Message: 1957

Hi all,

I have an old NRD525 which needs a couple of boards. If
anyone has either a CAE-182 or CFH-36 that they would like to sell,
please drop me a note. I don't know if JRC still has those boards,
but even if they did, they are too expensive.

Hoping to hear from you.

Chuck Bolland
ka4prf@...

1958. Re: Selling: JRC NRD-535-D

Yahoo group: nrd-525-535
Date: 2009-04-07 17:38:41 UTC
From: Kees
Topic: 1921 Message: 1958

Hi all,

What I mean about a bare NRD535 is the standard version so no D-version anymore....

S0 I have a NRD535 and I have tje CFL-233 (1 kHz filter)

I ship worlwide.
More info?

Please let me know.

73

Kees

1959. Re: [nrd-525-535] Re: Selling: JRC NRD-535-D

Yahoo group: nrd-525-535
Date: 2009-04-07 16:49:04 UTC
From: Chuck
Topic: 1921 Message: 1959

Mr Kees,

Did you notice my request for the CFH-36 and the
CAE-182 boards for
the NRD525 receiver? I am hoping you have a 525
you want to sell
parts from maybe?

Just checking.

Chuck

----- Original Message -----
From: Kees
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, April 07, 2009 18:38
Subject: [nrd-525-535] Re: Selling: JRC
NRD-535-D

Hi all,

What I mean about a bare NRD535 is the standard
version so no D-version anymore....

S0 I have a NRD535 and I have tje CFL-233 (1 kHz
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I ship worlwide.
More info?

Please let me know.

73

Kees

1960. Re: Selling: JRC NRD-535-D

Yahoo group: nrd-525-535
Date: 2009-04-08 10:26:23 UTC
From: Kees
Topic: 1921 Message: 1960

Hi Chuck,
No 525 here, sorry.

73

Kees

--- In nrd-525-535@yahoogroups.com, "Chuck" <ka4prf@...> wrote:
>
> Mr Kees,
>
> Did you notice my request for the CFH-36 and the
> CAE-182 boards for
> the NRD525 receiver? I am hoping you have a 525
> you want to sell
> parts from maybe?
>
> Just checking.
>
> Chuck
>
> ----- Original Message -----
> From: Kees
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, April 07, 2009 18:38
> Subject: [nrd-525-535] Re: Selling: JRC
> NRD-535-D
>
>
> Hi all,
>
> What I mean about a bare NRD535 is the standard
> version so no D-version anymore....
>
> S0 I have a NRD535 and I have tje CFL-233 (1 kHz
> filter)
>
> I ship worlwide.
> More info?
>
> Please let me know.
>
> 73
>
> Kees
>

1961. Selling my NRD 535D on Ebay

Yahoo group: nrd-525-535
Date: 2009-04-12 20:58:13 UTC
From: philiptuck
Topic: 1961 Message: 1961

Hello.
I Have just listed my NRD 535D (the one with ECSS) on Ebay if anyone is after one of these. It is item number 260392463648 for 7 days ends next Sunday 19th. Probably one of the last ones with a highish serial number. Good condition etc. Change in circumstances (became a carer) means I just don't get the time to use the receiver to its full nowadays.
Will post EU and USA
Thanks
Phil

1962. Re: Mod to greatly reduce the 535 display RFI noise problem

Yahoo group: nrd-525-535
Date: 2009-04-18 05:27:56 UTC
From: exploreaustralia
Topic: 1944 Message: 1962

Latest update on this mod.

Something I was concerned about was a build up of heat from the components.
So far there no effect, nothing gets hot on the front panel.

The sensitivity of the modified receiver is fantastic. on a S0 (zero) signal strength I can clearly hear the conversation, I did have to use the PBT, RF gain and tone controls and the internal speaker but it was totally clear and understandable.
This signal was very weak.
Using the same S0 signal I powered up my Yaesu FT-7, Drake 2B, Drake R-4A and Yaesu FT-900
The FT 900 heard nothing, this surprised me as I thought it would do better.
The FT-7 heard something but it was too weak to be heard what was being said.
The 2B heard the signal but it was down in the internal noise.
The 4A was a bit better but I only got about 50% for the conversation.
Reconnecting the 535 I could hear both sides of the conversation.
This new internal noise floor is great, it is very quiet but I think I can make it quieter still.
I will keep you all posted.

You can not imagine how good the 535 is with this mod.

Regards John

--- In nrd-525-535@yahoogroups.com, "John Dokulil" <jdokulil@...> wrote:
>
> John
>
> Magnificent. I applaud you, and await your images and graphics of the shield in the files area. I for one have been fooling around with ideas on lowering the RFI for years and often thought of just doing the same, but never got around to it. Definitely willing to give this a try.
>
> John
> WDX6GMX
>
> ----------
> ----------
> ----- Original Message -----
> From: exploreaustralia
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, March 31, 2009 06:00 AM
> Subject: [nrd-525-535] Mod to greatly reduce the 535 display RFI noise problem
>
>
> The concept of this mod will work on any radio.
> I spent weeks doing little experiments trying to reduce the display RFI.

>
> Now for the facts.
> Yes, there is some RFI coming from the VFD (vacuum fluorescent display) component, but 95% is from the front panel electronics and switches.
> The switches are continually scanned to detect if they are pressed. All that scanning creates a LOT of RFI.
> The main RFI generator is the EPROM, if it is not properly shielded you may as well not bother.
>
> When the NRD-535d was made, multi layer PCBs (printed circuit boards) were not readily available so they used a 2 layer PCB.
> Unfortunately, the circuit layout designer only had digital experience and NO RF skills, as they did almost nothing to reduce RFI on the PCB.
> The real fix is to use a 4 layer PCB and a simple RFI shield but that would be difficult and a bit expensive.
>
> Looking at the front panel board makes me think that this radio would not have passed any government regulatory body testing.
>
> So it is simple, fit a shield to the front of the PCB, the back already has a metal cover.
> Unfortunately it is not a simple design.
> It took me about 30 hours to work it out and 6 hours to make the shield and 3 hours to fit it.
> As I could not get the material I needed, so I made my own RFI shielding, you may have better luck finding suitable material.
> The shield is VERY thin copper foil, stuck onto a single sheet of adhesive labeling paper.
> Great care needs to be taken not to damage the paper as it is your insulator.
> Before sticking the label onto the copper sheet , print the template onto the label.
>
> THIS IS VERY IMPORTANT:
> IF YOU DO THIS WRONG YOU WILL DAMAGE YOUR RADIO. PAPER SIDE TO PBC.
> You will need to think about what you are doing, you are going to place this insulated copper sheet on to the front panel PCB and solder it into place.
> None of the copper sheet is to come in contact with ANY part of the PCB or components except where you solder it to ground.
> If have never done fine work before, do not start.
> Take your time and do it right first time.
> Part of the shield template will look wrong, the tongue is to be placed under the VFD.
> I used thin double sided tape to hold the shield in place before it was soldered then held in place be the switch button cages.
>
> When I was done.
> The results are outstanding.
> It is a completely different radio.
> Now the NRD-535D can be on with any of my other radios operating causing NO interference.
>
> I am still getting use to its new usefulness.
>

> In the next day or two I will place the images and graphics of the shield in the files area for all to see.
>
> The next RFI area is the CPU board and reducing the cross talk in the power lines throughout the radio. I hope that will reduce its noise floor.
>
> Regards John
>

1963. Re: Mod to greatly reduce the 535 display RFI noise problem

Yahoo group: nrd-525-535
Date: 2009-04-21 16:07:37 UTC
From: rhblumeng
Topic: 1944 Message: 1963

--- In nrd-525-535@yahoogroups.com, "exploreaustralia" <adams@...> wrote:
>
> This new internal noise floor is great, it is very quiet but I think I can make it quieter still.
> I will keep you all posted.
>
> You can not imagine how good the 535 is with this mod.
>
> Regards John

John -

Please keep us up to date with your progress and any thoughts on what you would do differently if you were to do it over.

I'm thinking of having your mod done. The person who would do it is not available until approx August. That gives time to allow for further improvements and any rethinking you might do.

Congratulations on this work and your results to date, plus your willingness to share this work!

Best regards, Bob

1965. Re: [nrd-525-535] Selling NRD535D (factory version) with NVA-319 MINT

Yahoo group: nrd-525-535
Date: 2009-04-22 19:16:17 UTC
From: Egor last
Topic: 1964 Message: 1965

GREETINGS! I was interested by receiver NRD-535D with speaker. What your price? And where you are? Kind regards, Valery.

--- On Wed, 4/22/09, Kees <yahoogroups@...> wrote:

From: Kees <yahoogroups@...>
Subject: [nrd-525-535] Selling NRD535D (factory version) with NVA-319 MINT
To: nrd-525-535@yahoogroups.com
Date: Wednesday, April 22, 2009, 10:17 AM

Hi all,

I am selling my NRD535D version.
The original factory made D-version.
Along with my NVA-319 speaker.
Both really mint.
Shipping worldwide. Additional costs for buyer.

Please email your bid or further questions to me (not in this forum)

73

Kees

1967. Re: [nrd-525-535] Selling absolutely mint NRD535D (factory build) with NVA-319

Yahoo group: nrd-525-535
Date: 2009-04-22 20:14:29 UTC
From: casy_ch@tbwil.ch
Topic: 1966 Message: 1967

Hello Kees

Funny way to put an auction.....!!!!!!!!!!!!!!!!!

I offer max. EUR 900.00 + shipping to Switzerland

Jean-Claude
Switzerland

----- Original Message -----
From: Kees
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, April 22, 2009 8:59 AM
Subject: [nrd-525-535] Selling absolutely mint NRD535D (factory build) with NVA-319
Including Rs-232, service and user manual, original boxes.
No seperate items are beiing sold.

Shipping worldwide.
Additional costs are for buyer.

Bidding starts from 800 euros.

73

Kees, Netherlands

1968. 525 feet

Yahoo group: nrd-525-535
Date: 2009-04-23 04:30:48 UTC
From: imtheone2001
Topic: 1968 Message: 1968

I think the 525 I recently brought has no feet. Please, could someone snap a pic of the bottom of their 525...and send me please!!

1969. Re: 525 feet

Yahoo group: nrd-525-535
Date: 2009-04-23 17:56:02 UTC
From: caladonia5560
Topic: 1968 Message: 1969

I don't have a photo, but your 525 should have 4 tapered rubber feet about one inch in diameter at the base and approximately 1/2 inch high. If they are missing, you could check with a local hardware store such as Home Depot, they usually carry similar feet made for furniture and the like. Also Antique Electronic Supply ...tubesandmore.com has a selection of rubber feet.

Les

--- In nrd-525-535@yahoogroups.com, "imtheone2001" <imtheone2001@...> wrote:
>
> I think the 525 I recently brought has no feet. Please, could someone snap a pic of the bottom of their 525...and send me please!!
>

1970. Re: 525 feet

Yahoo group: nrd-525-535
Date: 2009-04-24 15:40:13 UTC
From: Paul Lannuier
Topic: 1968 Message: 1970

--- In nrd-525-535@yahoogroups.com, "caladonia5560" <caladonia5560@...> wrote:
>
> I don't have a photo, but your 525 should have 4 tapered rubber feet about one inch in diameter at the base and approximately 1/2 inch high. If they are missing, you could check with a local hardware store such as Home Depot, they usually carry similar feet made for furniture and the like. Also Antique Electronic Supply ...tubesandmore.com has a selection of rubber feet.
>
> Les

Taller feet in the front make for a friendlier 525! Your helpful hint of the day. ;-)

Paul WW2PT

1971. Selling (last) NRD535 standard receiver (395 euro)

Yahoo group: nrd-525-535
Date: 2009-04-25 09:08:02 UTC
From: Kees
Topic: 1971 Message: 1971

Hi all,

Selling my last NRD535 (switching to transceivers)
Technical perfect. Some user marks.
Asking 395 euro's.

Shipment costs are for buyer

Please only via emial, so not via this forum.

73

Kees PD2KVE

Also available: CFL-233 1 kHz filter

1972. Re: Mod to greatly reduce the 535 display RFI noise problem

Yahoo group: nrd-525-535
Date: 2009-05-24 22:21:56 UTC
From: jtcasejr
Topic: 1944 Message: 1972

John,

What kind of paper were you using? I got some 4 mil copper foil, but the only adhesive paper I could obtain locally was a self adhesive label paper from Graytex, 7 mil thick. This combination turned out to be too thick, or at least not pliable enough for the job at hand.

I tried to do the mod, but could not get the shielding to conform to the main board sufficiently to allow proper seating of the switch assemblies. In other words, most of the buttons would not work reliably due to interference from the shield I was attempting to install. I finally left the switches out and reassembled the radio with the shield in to see how much the RFI was diminished. On this radio, there did not appear to be much of an effect. This was probably more due to my fitting of the shield than anything else. I pulled out what I did and reassembled the radio. I don't think I would try this again unless I had a way of insulating the foil such that it was more pliable and easy to mold to the PCB.

John

1973. Re: Mod to greatly reduce the 535 display RFI noise problem

Yahoo group: nrd-525-535
Date: 2009-05-27 06:13:02 UTC
From: exploreaustralia
Topic: 1944 Message: 1973

Hi John

Sorry for not providing the thicknesses in the original info.

The copper sheet is 0.07 mm or 0.003 inch thick , it is found in craft shops and is usually used for making an impression mold by rubbing onto the contours of a window pane, the art is called "rubbings".

The adhesive paper is 0.08 mm or 0.0035 inch thick including adhesive.
The paper was the hardest to find, as it needed to be flexible, thin and resistive to easily puncture, I live in a small country town a few hundred Kms from any city, so I used what I could buy at my local shops.

I used the rubbing copper because it follows a contour very well and sits flat under the switch button guides.

Try to find the right type of copper, it makes all the difference.

I can give you brand names but I do not think it would be much help.

Regards John

-- In nrd-525-535@yahoogroups.com, "jtcasejr" <jtcasejr@...> wrote:
>
>
> John,
>
> What kind of paper were you using? I got some 4 mil copper foil, but the only adhesive paper I could obtain locally was a self adhesive label paper from Graytex, 7 mil thick. This combination turned out to be too thick, or at least not pliable enough for the job at hand.
>
> I tried to do the mod, but could not get the shielding to conform to the main board sufficiently to allow proper seating of the switch assemblies. In other words, most of the buttons would not work reliably due to interference from the shield I was attempting to install. I finally left the switches out and reassembled the radio with the shield in to see how much the RFI was diminished. On this radio, there did not appear to be much of an effect. This was probably more due to my fitting of the shield than anything else. I pulled out what I did and reassembled the radio. I don't think I would try this again unless I had a way of insulating the foil such that it was more pliable and easy to mold to the PCB.
>
> John
>

1974. Re: Mod to greatly reduce the 535 display RFI noise problem

Yahoo group: nrd-525-535
Date: 2009-05-28 08:01:13 UTC
From: joekir2
Topic: 1944 Message: 1974

--- In nrd-525-535@yahoogroups.com, "exploreaustralia" <adams@...> wrote:
>
> Hi John
>
> Sorry for not providing the thicknesses in the original info.
>
> The copper sheet is 0.07 mm or 0.003 inch thick , it is found in craft shops and is usually used for making an impression mold by rubbing onto the contours of a window pane, the art is called "rubbings".
>
> The adhesive paper is 0.08 mm or 0.0035 inch thick including adhesive.
> The paper was the hardest to find, as it needed to be flexible, thin and resistive to easily puncture, I live in a small country town a few hundred Kms from any city, so I used what I could buy at my local shops.
>
> I used the rubbing copper because it follows a contour very well and sits flat under the switch button guides.
>
> Try to find the right type of copper, it makes all the difference.
>
> I can give you brand names but I do not think it would be much help.
>
> Regards John
>
>
> -- In nrd-525-535@yahoogroups.com, "jtcasejr" <jtcasejr@> wrote:
> >
> >
> > John,
> >
> > What kind of paper were you using? I got some 4 mil copper foil, but the only adhesive paper I could obtain locally was a self adhesive label paper from Graytex, 7 mil thick. This combination turned out to be too thick, or at least not pliable enough for the job at hand.
> >
> > I tried to do the mod, but could not get the shielding to conform to the main board sufficiently to allow proper seating of the switch assemblies. In other words, most of the buttons would not work reliably due to interference from the shield I was attempting to install. I finally left the switches out and reassembled the radio with the shield in to see how much the RFI was diminished. On this radio, there did not appear to be much of an effect. This was probably more due to my fitting of the shield than anything else. I pulled out what I did and reassembled the radio. I don't think I would try this again unless I had a way of insulating the foil such that it was more pliable and easy to mold to the PCB.
> >
> > John

> >
>
I was having a look at an old laptop motherboard and saw some ready made silver coloured material that is used to screen the pcmcia cage. Is that available to buy? The piece I have is not quite big enough, but I will use it for my degen. That looks perfect for the job to me. As for the insulator, what about the plastic rolls of material used to protect school book covers?

Joe

1975. Re: Mod to greatly reduce the 535 display RFI noise problem

Yahoo group: nrd-525-535
Date: 2009-05-28 08:10:40 UTC
From: joekir2
Topic: 1944 Message: 1975

--- In nrd-525-535@yahoogroups.com, "joekir2" <joekir2@...> wrote:
>
> --- In nrd-525-535@yahoogroups.com, "exploreaustralia" <adams@> wrote:
> >
> > Hi John
> >
> > Sorry for not providing the thicknesses in the original info.
> >
> > The copper sheet is 0.07 mm or 0.003 inch thick , it is found in craft shops and is usually used for making an impression mold by rubbing onto the contours of a window pane, the art is called "rubbings".
> >
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> > I can give you brand names but I do not think it would be much help.
> >
> > Regards John
> >
> >
> > -- In nrd-525-535@yahoogroups.com, "jtcasejr" <jtcasejr@> wrote:
> > >
> > >
> > > John,
> > >
> > > What kind of paper were you using? I got some 4 mil copper foil, but the only adhesive paper I could obtain locally was a self adhesive label paper from Graytex, 7 mil thick. This combination turned out to be too thick, or at least not pliable enough for the job at hand.
> > >
> > > I tried to do the mod, but could not get the shielding to conform to the main board sufficiently to allow proper seating of the switch assemblies. In other words, most of the buttons would not work reliably due to interference from the shield I was attempting to install. I finally left the switches out and reassembled the radio with the shield in to see how much the RFI was diminished. On this radio, there did not appear to be much of an effect. This was probably more due to my fitting of the shield than anything else. I pulled out what I did and reassembled the radio. I don't think I would try this again unless I had a way of insulating the foil such that it was more pliable and easy to mold to the PCB.

> > >
> > > John
> > >
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>
> Joe
>
Here is a supplier, but looks trade only. Sure there are others:

http://www.kemtron.co.uk/lam.html

1976. Dead (nearly) NRD-535

Yahoo group: nrd-525-535
Date: 2009-05-29 13:14:57 UTC
From: joekir2
Topic: 1976 Message: 1976

Hi,

I have a 535 which was stored for about 5 years in less than optimal conditions. When I first fired it up, some of the pots were scratchy, some of the buttons inoperative, but it did work...very well in fact.So, I carried on using it and ordered a can of Cramolin to take care of the pots and buttons.
About a week later, I switched it off, took it to another room and it has not worked since. The display seems to be lighting up, but very dimly, and every now and again, the whole display will light up on switch on. The audio amp seems to be working OK.

When I looked inside, I was pretty shocked and realised I should never have switched it on. I'm still cleaning the crud that had somehow accumulated behind the front panel.
Anyway, it looks like my problem is the AVR...the 10.8 to be exact at pin 6. The 5 and 9 V are within spec, but pin 6 on the AVR read 1.6V and has recently crept up to 2.6. Also measured at the collector of TR1, same. Pulled TR1 to test and it seems OK. Replaced C4, no change. I did pull all the boards and panel connections except the main switch BTW. Also cleaned fuse, etc. AFAIK, the problem has to be the AVR board. Now, I also have an open rectifier diode on the mainboard, but this was done after the problem occurred and anyway, I have a low 10.8 V when I try to run off 12V DC
BW is a 1N004 a good sub for U15C?
I have also tried to buy spares, but the main distributor in the UK suggested I write to Japan! I am hoping someone in he group has come across this problem before, but found nothing in the archive and very little information anywhere. Thanks,

Joe

1977. Re: Mod to greatly reduce the 535 display RFI noise problem

Yahoo group: nrd-525-535
Date: 2009-05-29 14:48:56 UTC
From: exploreaustralia
Topic: 1944 Message: 1977

Hi John
The silver computer RFI shielding is probable aluminum, if this is the case, it will not solder to ground, so the shield will not, my shield is soldered to ground at 6 places scattered across the board.
I first did consider covering the board using the book wrap plastic film, then soldering the copper sheet in place.
The book wrap film type that I was able to find, did not easily release from the board once it had been stuck down and more importantly I was concerned that the adhesive was acidic which would slowly but eventually damage the board.
So I decided to stick the insulator onto the copper sheet. The problem using the plastic sheet as the insulator is, when you solder the copper sheet in place, the plastic will melt back away from the solder area thus exposing copper to potentially short onto the board.
Paper does not do this, sure the glue is damaged by the solder heat but the paper is not damaged, thus there is no copper exposure.
I did say in the original email, I spent quite some time figuring out as many problems that could happen.
Have you tried you local newsagent/newspaper shop/stationary shop/school supply shop/office supplies shop, I am trying to think which business in your country should have the adhesive labels.

Regards John

--- In nrd-525-535@yahoogroups.com, "joekir2" <joekir2@...> wrote:
>
> --- In nrd-525-535@yahoogroups.com, "joekir2" <joekir2@> wrote:
> >
> > --- In nrd-525-535@yahoogroups.com, "exploreaustralia" <adams@> wrote:
> > >
> > > Hi John
> > >
> > > Sorry for not providing the thicknesses in the original info.
> > >
> > > The copper sheet is 0.07 mm or 0.003 inch thick , it is found in craft shops and is usually used for making an impression mold by rubbing onto the contours of a window pane, the art is called "rubbings".
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> > > The adhesive paper is 0.08 mm or 0.0035 inch thick including adhesive.
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> > >
> > > I used the rubbing copper because it follows a contour very well and sits flat under the switch button guides.
> > >
> > > Try to find the right type of copper, it makes all the difference.

> > >
> > > I can give you brand names but I do not think it would be much help.
> > >
> > > Regards John
> > >
> > >
> > > -- In nrd-525-535@yahoogroups.com, "jtcasejr" <jtcasejr@> wrote:
> > > >
> > > >
> > > > John,
> > > >
> > > > What kind of paper were you using? I got some 4 mil copper foil, but the only adhesive paper I could obtain locally was a self adhesive label paper from Graytex, 7 mil thick. This combination turned out to be too thick, or at least not pliable enough for the job at hand.
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> > > >
> > > > John
> > > >
> > >
> > > I was having a look at an old laptop motherboard and saw some ready made silver coloured material that is used to screen the pcmcia cage. Is that available to buy? The piece I have is not quite big enough, but I will use it for my degen. That looks perfect for the job to me. As for the insulator, what about the plastic rolls of material used to protect school book covers?
> >
> > Joe
> >
> Here is a supplier, but looks trade only. Sure there are others:
>
> http://www.kemtron.co.uk/lam.html
>

1978. Re: Dead (nearly) NRD-535

Yahoo group: nrd-525-535
Date: 2009-05-30 16:58:26 UTC
From: joekir2
Topic: 1976 Message: 1978

--- In nrd-525-535@yahoogroups.com, "joekir2" <joekir2@...> wrote:
>
> Hi,
>
> I have a 535 which was stored for about 5 years in less than optimal conditions. When I first fired it up, some of the pots were scratchy, some of the buttons inoperative, but it did work...very well in fact.So, I carried on using it and ordered a can of Cramolin to take care of the pots and buttons.
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> BW is a 1N004 a good sub for U15C?
> I have also tried to buy spares, but the main distributor in the UK suggested I write to Japan! I am hoping someone in he group has come across this problem before, but found nothing in the archive and very little information anywhere. Thanks,
>
> Joe
>
I'd also be interested in a CBD-1080 board if anyone has one.

Joe

1979. Need 535 Board

Yahoo group: nrd-525-535
Date: 2009-05-30 19:27:19 UTC
From: swradioman
Topic: 1979 Message: 1979

If anyone happens to have a 535 they are parting out, I need the CDE-705 board located behind the tuning knob. Please advise if available and cost. Thanks so much!

1980. @ PE1KEL

Yahoo group: nrd-525-535
Date: 2009-06-01 09:44:27 UTC
From: Kees
Topic: 1980 Message: 1980

Adriaan,

Your email is blocked. I could not send an email back to you !

pe1kel@...
SMTP error from remote mail server after end of data:
host e.mx.mail.yahoo.com [216.39.53.1]: 554 delivery error:
dd Sorry your message to pe1kel@... cannot be delivered. This account has been disabled or discontinued [#102]. - mta480.mail.re4.yahoo.com

1981. Re: @ PE1KEL

Yahoo group: nrd-525-535
Date: 2009-06-01 17:55:09 UTC
From: Adriaan Aarts
Topic: 1980 Message: 1981

--- In nrd-525-535@yahoogroups.com, "Kees" <yahoogroups@...> wrote:
>
> Adriaan,
>
> Your email is blocked. I could not send an email back to you !
>
> pe1kel@...
> SMTP error from remote mail server after end of data:
> host e.mx.mail.yahoo.com [216.39.53.1]: 554 delivery error:
> dd Sorry your message to pe1kel@... cannot be delivered. This account has been disabled or discontinued [#102]. - mta480.mail.re4.yahoo.com
>
Hello, Kees.

I have tried to change my bouncing email adres in Yahoo, but for some reason Yahoo doesn't accept it...
Now I have changed my first and second email adres in the settings of Yahoo, maybe it workst now.
If it doesn't, you can send a direct email to :
adriaanaarts(at)hetnet(dot)nl

Best regards,
Adriaan.

1982. Re: Unlock PLL NRD535

Yahoo group: nrd-525-535
Date: 2009-06-01 18:06:21 UTC
From: Adriaan Aarts
Topic: 1319 Message: 1982

--- In nrd-525-535@yahoogroups.com, Bill Cotter <n4alg@...> wrote:
>
> Adriaan,
>
> It sounds like you may have a cold solder joint on one or more of
> the card or motherboard pins. The simplest means of working through
> this problem is to take a low wattage soldering iron (25-30W) and
> heating each joint on the connectors. It would be helpful tp place
> a small film of flux on each joint before applying heat.
>
> If this does not correct the problem, look for a broken trace of
> cold solder joint up higher on the board.
>
> 73 es gl bill n4alg
>
>
Hello, Bill

Now after almost a year it was not possible anymore to receive something without distortion and unlocking the PLL-circuit.
Yesterday I had a day off and I decide to repair it by soldering the connectors on the motherbord with very thin flux.
Now I don't have to bang on the cabinet of this excellent receiver anymore...
I think this sollution can be usefull to other owners of this receiver and therefore I mention it in this forum.

Best regards,
Adriaan, PE1KEL.

1983. WTB: NRD-535D

Yahoo group: nrd-525-535
Date: 2009-06-04 06:56:34 UTC
From: nickcarr3151
Topic: 1983 Message: 1983

Anyone local (USA) have one for sale? Feel free to email me directly.

Thanks
-Nick

1984. RE: WTB: NRD-535D

Yahoo group: nrd-525-535
Date: 2009-06-04 19:38:05 UTC
From: Scott Halligan
Topic: 1983 Message: 1984

Nick, check your e-mail address as listed in your message. I will have one up for sale this evening.

Scott/KC1UA
http://www.scannewengland.net

1985. FS: NRD-535D $825 Shipped

Yahoo group: nrd-525-535
Date: 2009-06-05 13:38:34 UTC
From: Scott Halligan
Topic: 1985 Message: 1985

Hello,

Liquidating due to purchase of amateur radio transceiver. Selling my
Japan Radio Corporation NRD-535D general coverage shortwave receiver. Members of this group very likely are familiar with this receiver, obviously, but specifications of the receiver are available at Universal Radio at
http://universal-radio.com/catalog/commrxvr/1535.html. A few reviews of this receiver can be found at eHam. Photos are here:
http://s370.photobucket.com/albums/oo145/ScanNewEngland/NRD-535/

History

I am the second owner of this receiver. The original owner, now a silent key, was a smoker. I purchased the receiver from an estate sale, and spent a great deal of time cleaning it up. There is no evidence of smoke on the exterior of the receiver, which is in very good condition. There are normal minor blemishes from normal wear and tear. The display is clean.

Included

120V AC cable, null modem cable for computer connection, owner's manual, service manual (copied), and original brochure for NRD-535D receiver. I do not have the original box as it was not included when I purchased it.

Price, Payment, and Shipping

$825 shipped UPS Ground to US ONLY. I WILL NOT ship outside of the United States. Payment by Paypal or USPS Money Order ONLY. Any other money order will be returned to the buyer and the sale will not be completed. Paypal preferred for ease of operation. NRD-535D will be double boxed and well packed to withstand the "rigors" of UPS shipment. I will also ensure item for asking price. Please contact me by e-mail at scancapecod at comcast dot net if you are interested and/or have questions.

Regards,

Scott/KC1UA

1986. Lowe Mods

Yahoo group: nrd-525-535
Date: 2009-06-23 07:05:24 UTC
From: g8lyv
Topic: 1986 Message: 1986

Hi, does anyone have a scan or a copy of the couple of pages of info and description that came with the Lowe Modified NRD535?

Thanks Kevin, G8LYV

1987. Fitting Inrad CW filters to an NRD-535?

Yahoo group: nrd-525-535
Date: 2009-06-24 20:33:09 UTC
From: Tracey Gardner
Topic: 1987 Message: 1987

Hello All,

I've just joined this list and have a specific question relating to the possibility of fitting an Inrad CW filter in a 535.

I've looked through the archives and although this subject seems to have come up before, I have not managed to find a definitive statement as to whether it can be done or not.

I am presuming that the only obstacle to fitting an Inrad filter would be a possible impedance mismatch, or am I missing something?

The original CFL-231 filters seem as rare as the proverbial rocking horse droppings and I am hoping that it will be possible to use an Inrad filter. I find it hard to believe that nobody has tackled this subject yet.
can you help please?

Many thanks

Tracey G5VU
.

1989. Fitting Inrad CW filters to an NRD-535?

Yahoo group: nrd-525-535
Date: 2009-06-30 13:00:16 UTC
From: Tracey Gardner
Topic: 1987 Message: 1989

To answer my own question.

I have now discovered that the Kenwood filters are a direct alternative to the JRC ones.
I am told that they are the same size and have the same pin positions as the JRC filters and have been found to work OK.

YG455SN 1.8kHz

YG455C 500Hz

YG455CN 250Hz

That should mean that an Inrad 125Hz filter designed to fit Kenwood should drop straight into the 535.

Tracey

1991. Re: Possible dead 535D?

Yahoo group: nrd-525-535
Date: 2009-07-06 20:05:29 UTC
From: Adriaan Aarts
Topic: 1987 Message: 1991

--- In nrd-525-535@yahoogroups.com, Roth Ritter <orbital@...> wrote:
>
> Hi all, I just took possession of a used 535D which appears to be in
> good shape on the outside but upon powering up with my antenna for the
> first time, it seems like all bands are dead. This is my first
> experience with a JRC, I currently have an Icom R75 so I'm open to
> suggestions on checking for something I may have set wrong. I know the
> squelch is all the way down; on AM mode I have to turn the AF gain all
> the way up just to hear soft static. If I hook my antenna back up to
> the R75 to find a known strong signal and then move the antenna over
> to the 535D and tune to same station, there's nothing; and tuning
> around there's nothing on any band on any frequency. Everything on the
> display seems to be fine. Is there anything I can check or does this
> sound like maybe electrostatic damage? Thanks -
>
>
>
> Dark Atmospheres / a s t r o p h o t o g r a p h y \
> http://www.darkatmospheres.com/astro
>
Hello, Roth.

Once I had the same when I replaced my receiver onto another table.
I accidently switched the antenna-switch on the backside of the cabinet to the wrong position.
It took 15 minutes to solve this problem but now I don't forget it anymore.
Maybe, I hope, you have made the same mistake.

Best regards,
Adriaan, PE1KEL.

1992. Re: [nrd-525-535] Possible dead 535D?

Yahoo group: nrd-525-535
Date: 2009-07-06 20:06:55 UTC
From: gandalfg8@aol.com
Topic: 1987 Message: 1992

In a message dated 06/07/2009 20:50:29 GMT Daylight Time,
orbital@... writes:

Hi all, I just took possession of a used 535D which appears to be in good shape on the outside but upon powering up with my antenna for the first time, it seems like all bands are dead. This is my first experience with a JRC, I currently have an Icom R75 so I'm open to suggestions on checking for something I may have set wrong. I know the squelch is all the way down; on AM mode I have to turn the AF gain all the way up just to hear soft static. If I hook my antenna back up to the R75 to find a known strong signal and then move the antenna over to the 535D and tune to same station, there's nothing; and tuning around there's nothing on any band on any frequency. Everything on the display seems to be fine. Is there anything I can check or does this sound like maybe electrostatic damage? Thanks -

---
Doesn't sound too good but there's a couple of things might cause it.

Probably a silly question, and probably a long shot as it shouldn't kill it that much, but have you checked that the attenuator isn't engaged?

If you've just received it, did it come by post? and if so,have you checked that all of the circuit boards are properly seated in their sockets?

The 535 is supposed to be shipped with one, or perhaps two can't remember now, sponge inserts placed to hold the boards down, If that's not been fitted one or more might have shifted.

regards

Nigel
GM8PZR

1993. Re: [nrd-525-535] Re: Possible dead 535D?

Yahoo group: nrd-525-535
Date: 2009-07-06 20:11:23 UTC
From: oene
Topic: 1987 Message: 1993

In my case the switch on the back for high and low impedance was bad.
Hope that helps you.

----- Original Message -----
From: Adriaan Aarts
To: nrd-525-535@yahoogroups.com
Sent: Monday, July 06, 2009 10:05 PM
Subject: [nrd-525-535] Re: Possible dead 535D?

--- In nrd-525-535@yahoogroups.com, Roth Ritter <orbital@...> wrote:
>
> Hi all, I just took possession of a used 535D which appears to be in
> good shape on the outside but upon powering up with my antenna for the
> first time, it seems like all bands are dead. This is my first
> experience with a JRC, I currently have an Icom R75 so I'm open to
> suggestions on checking for something I may have set wrong. I know the
> squelch is all the way down; on AM mode I have to turn the AF gain all
> the way up just to hear soft static. If I hook my antenna back up to
> the R75 to find a known strong signal and then move the antenna over
> to the 535D and tune to same station, there's nothing; and tuning
> around there's nothing on any band on any frequency. Everything on the
> display seems to be fine. Is there anything I can check or does this
> sound like maybe electrostatic damage? Thanks -
>
>
>
> Dark Atmospheres / a s t r o p h o t o g r a p h y \
> http://www.darkatmospheres.com/astro
>
Hello, Roth.

Once I had the same when I replaced my receiver onto another table.
I accidently switched the antenna-switch on the backside of the cabinet to the wrong position.
It took 15 minutes to solve this problem but now I don't forget it anymore.
Maybe, I hope, you have made the same mistake.

Best regards,
Adriaan, PE1KEL.

1994. Re: [nrd-525-535] Possible dead 535D?

Yahoo group: nrd-525-535
Date: 2009-07-06 22:08:28 UTC
From: Fabrizio Magrone
Topic: 1987 Message: 1994

Hello Roth,

>upon powering up with my antenna for the first time, it seems like
>all bands are dead.

I second Nigel's suggestion to check whether all the boards are
correctly seated.

Another thing that could possibly have gone wrong is the crystal
oscillator selector on the upper side of the REF/DDS board: it
switches between the original crystal (WKG) or the optional high
stability unit (SPR). If it's on the wrong side, or simply it doesn't
make a good contact, the receiver will be dead. Try to move it back
and forth and, if this is the case, clean it with a *little* bit of
deoxydizer. I experienced this problem a couple of times and
eventually I bypassed the switch with a soldered-in jumper wire.

Hope this helps; good luck!

Fabrizio, IK4MTG

1996. Re: Possible dead 535D? * Resolved (sort of)

Yahoo group: nrd-525-535
Date: 2009-07-07 11:44:34 UTC
From: Bill Cotter
Topic: 1987 Message: 1996

Before you go through the expense/hassle of shipping the radio
back, try a bit of DeOxit on the board connectors. It may be that
they are not making good electrical contact. And, the foam strip to
hold down the boards is essential......

73 es gl bill n4lg

At 12:57 AM 7/7/2009, you wrote:

>Thanks for all of the feedback, I've read them all and were very
>helpful. Apparently either the CGA-145 Loop 1 board or the
>CGK-127A REF/DDS board is questionable. After pulling them out and
>re-seeding them the radio started to receive well for about an
>hour and then went silent again with some sporadic static. The red
>LED lights would turn on and off independently on those two boards
>when it was starting to act up, then they stayed on continuously
>when the radio went deaf, I'm not sure what that means; but they
>were off when everything was working for that one hour.
>
>Since the seller agreed to refund me I'm not going to pursue the
>problem any further and send it back. What a shame, I was really
>looking forward to experiencing this radio after reading so many
>good reports about it. Thanks for all of the help from everyone in
>the group.
>
>
>
>Dark Atmospheres / a s t r o p h o t o g r a p h y \
><http://www.darkatmospheres.com/astro>http://www.darkatmospheres.com/astro
>
>
>
>
>
>
>
>On Jul 6, 2009, at 4:08 PM, Fabrizio Magrone wrote:
>
>>

1997. 525 for spares

Yahoo group: nrd-525-535
Date: 2009-07-10 17:09:53 UTC
From: alelcoate
Topic: 1997 Message: 1997

I now have a dropped 525 with a bent case and cracked front panel.

Display not good but appears to still receive.

Any offers for the boards inside welcomed.

Not going to do anything with it myself as now have a 545.

1998. Fitting a CW filter to an NRD-535

Yahoo group: nrd-525-535
Date: 2009-07-11 13:12:33 UTC
From: Tracey Gardner
Topic: 1998 Message: 1998

Further to my recent messages on the possibility of fitting a narrow CW filter to an NRD-535.
I abandoned the idea of fitting an Inrad filter once I discovered that the Kenwood filters are a direct drop-in alternative to the JRC ones.

I happened to have a spare Kenwood YG-455CN-1 250Hz CW filter, so that was the obvious thing to try.
It turned out that, once removed from it's daughter board, the filter dropped straight into the 535 filter board as I had been told, with only one minor problem.
The case studs on the filter were just a little too long and fouled the next board back.
Once they had been shortened everything was fine and the end result is a 535 with a narrow CW filter fitted.

The Kenwood YG-455C-1 500Hz CW filter has exactly the same pin layout as the 250Hz filter and will therefore drop straight into the NRD-535 as well.

Tracey

1999. Re: 525 for spares

Yahoo group: nrd-525-535
Date: 2009-07-24 15:23:32 UTC
From: ballynafie
Topic: 1997 Message: 1999

--- In nrd-525-535@yahoogroups.com, "alelcoate" <alelcoate@...> wrote:
>
> I now have a dropped 525 with a bent case and cracked front panel.
>
> Display not good but appears to still receive.
>
> Any offers for the boards inside welcomed.
>
> Not going to do anything with it myself as now have a 545.
>
How much are you looking for the cracked front panel? Where are you living?

Many thanks
Ballynafie

2000. Re: [nrd-525-535] Re: 525 for spares

Yahoo group: nrd-525-535
Date: 2009-07-25 19:01:04 UTC
From: Gregory Saunders
Topic: 1997 Message: 2000

Do you have the FM board in it? I'm looking for one.

Mr. Greg

--- On Fri, 7/24/09, ballynafie <ballynafie@yahoo.co.uk> wrote:

From: ballynafie <ballynafie@...>
Subject: [nrd-525-535] Re: 525 for spares
To: nrd-525-535@yahoogroups.com
Date: Friday, July 24, 2009, 10:23 AM

--- In nrd-525-535@ yahoogroups. com, "alelcoate" <alelcoate@. ..> wrote:
>
> I now have a dropped 525 with a bent case and cracked front panel.
>
> Display not good but appears to still receive.
>
> Any offers for the boards inside welcomed.
>
> Not going to do anything with it myself as now have a 545.
>
How much are you looking for the cracked front panel? Where are you living?

Many thanks
Ballynafie

2001. nrd-515 delta tune mod

Yahoo group: nrd-525-535
Date: 2009-08-02 04:36:03 UTC
From: Jim Francis
Topic: 2001 Message: 2001

Hi
I'm new to the group and have been trying to find some info on the mod.
Can anyone tell me the what the actual mod was and what was the pot value?

Thanks
Jim

2002. RE: [nrd-525-535] Re: Mod to greatly reduce the 535 display RFI noise problem with metal coating

Yahoo group: nrd-525-535
Date: 2009-08-05 07:39:47 UTC
From: Notareal
Topic: 1944 Message: 2002

Hi !

There is available paints/coatings that are electrically conductive.

Have you thought about spraying/painting thin metal coating in back of the front-panel ?

Then just a good connection between ground point and coating.

That is quite common technic in cellular phones etc.

Products for example:

http://www.chomerics.com/products/choshield_coatings.htm

or

CRC Graphit 33

That metal coating could be later sprayed with thin rubber etc. coating to prevent possible short-circuits.

BR

> To: nrd-525-535@yahoogroups.com
> From: adams@...
> Date: Wed, 27 May 2009 06:13:02 +0000
> Subject: [nrd-525-535] Re: Mod to greatly reduce the 535 display RFI noise problem
>
> Hi John
>
> Sorry for not providing the thicknesses in the original info.
>
> The copper sheet is 0.07 mm or 0.003 inch thick , it is found in craft shops and is usually used for making an impression mold by rubbing onto the contours of a window pane, the art is called "rubbings".
>
> The adhesive paper is 0.08 mm or 0.0035 inch thick including adhesive.
> The paper was the hardest to find, as it needed to be flexible, thin and resistive to easily puncture, I live in a small country town a few hundred Kms from any city, so I used what I could buy at my local shops.
>
> I used the rubbing copper because it follows a contour very well and sits flat under the switch button guides.
>
> Try to find the right type of copper, it makes all the difference.
>

> I can give you brand names but I do not think it would be much help.
>
> Regards John
>
>
> -- In nrd-525-535@yahoogroups.com, "jtcasejr" <jtcasejr@...> wrote:
> >
> >
> > John,
> >
> > What kind of paper were you using? I got some 4 mil copper foil, but the only adhesive paper I could obtain locally was a self adhesive label paper from Graytex, 7 mil thick. This combination turned out to be too thick, or at least not pliable enough for the job at hand.
> >
> > I tried to do the mod, but could not get the shielding to conform to the main board sufficiently to allow proper seating of the switch assemblies. In other words, most of the buttons would not work reliably due to interference from the shield I was attempting to install. I finally left the switches out and reassembled the radio with the shield in to see how much the RFI was diminished. On this radio, there did not appear to be much of an effect. This was probably more due to my fitting of the shield than anything else. I pulled out what I did and reassembled the radio. I don't think I would try this again unless I had a way of insulating the foil such that it was more pliable and easy to mold to the PCB.
> >
> > John
> >
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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_____
Drag n’ drop—Get easy photo sharing with Windows Live™ Photos.

http://www.microsoft.com/windows/windowslive/products/photos.aspx

2003. Re: Mod to greatly reduce the 535 display RFI noise problem with metal coating

Yahoo group: nrd-525-535
Date: 2009-08-06 03:45:42 UTC
From: exploreaustralia
Topic: 1944 Message: 2003

Hi

Actually JRC already has a conductive coat on the inside of the plastic front panel.

If you get a ohm meter you can measure it, it is graphite based and does have an effect.

But the key to getting the RFI less is to stop it emitting as close to the generating source as possible.
This is because there is a lot of cross talk generated. So the RFI gets out everywhere.
Thus the need for the close coating of the PCB.

The RFI is not too hard to fix and the difference is wonderful.

Regards John

--- In nrd-525-535@yahoogroups.com, Notareal <not_a_real@...> wrote:
>
>
> Hi !
>
> There is available paints/coatings that are electrically conductive.
>
> Have you thought about spraying/painting thin metal coating in back of the front-panel ?
>
> Then just a good connection between ground point and coating.
>
> That is quite common technic in cellular phones etc.
>
> Products for example:
>
> http://www.chomerics.com/products/choshield_coatings.htm
>
> or
>
> CRC Graphit 33
>
>
> That metal coating could be later sprayed with thin rubber etc. coating to prevent possible short-circuits.
>
> BR
>
>
>
>

>
>
>
>
> > To: nrd-525-535@yahoogroups.com
> > From: adams@...
> > Date: Wed, 27 May 2009 06:13:02 +0000
> > Subject: [nrd-525-535] Re: Mod to greatly reduce the 535 display RFI noise problem
> >
> > Hi John
> >
> > Sorry for not providing the thicknesses in the original info.
> >
> > The copper sheet is 0.07 mm or 0.003 inch thick , it is found in craft shops and is usually used for making an impression mold by rubbing onto the contours of a window pane, the art is called "rubbings".
> >
> > The adhesive paper is 0.08 mm or 0.0035 inch thick including adhesive.
> > The paper was the hardest to find, as it needed to be flexible, thin and resistive to easily puncture, I live in a small country town a few hundred Kms from any city, so I used what I could buy at my local shops.
> >
> > I used the rubbing copper because it follows a contour very well and sits flat under the switch button guides.
> >
> > Try to find the right type of copper, it makes all the difference.
> >
> > I can give you brand names but I do not think it would be much help.
> >
> > Regards John
> >
> >
> > -- In nrd-525-535@yahoogroups.com, "jtcasejr" <jtcasejr@> wrote:
> > >
> > >
> > > John,
> > >
> > > What kind of paper were you using? I got some 4 mil copper foil, but the only adhesive paper I could obtain locally was a self adhesive label paper from Graytex, 7 mil thick. This combination turned out to be too thick, or at least not pliable enough for the job at hand.
> > >
> > > I tried to do the mod, but could not get the shielding to conform to the main board sufficiently to allow proper seating of the switch assemblies. In other words, most of the buttons would not work reliably due to interference from the shield I was attempting to install. I finally left the switches out and reassembled the radio with the shield in to see how much the RFI was diminished. On this radio, there did not appear to be much of an effect. This was probably more due to my fitting of the shield than anything else. I pulled out what I did and reassembled the radio. I don't think I would try this again unless I had a way of insulating the foil such that it was more pliable and easy to mold to the PCB.
> > >
> > > John
> > >
> >
> >

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> > Yahoo! Groups Links
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> _____
> Drag n' drop☐Get easy photo sharing with Windows Live☐ Photos.
>
> http://www.microsoft.com/windows/windowslive/products/photos.aspx
>

2004. Re: nrd-515 delta tune mod

Yahoo group: nrd-525-535
Date: 2009-08-08 12:06:18 UTC
From: driftermick
Topic: 2001 Message: 2004

Jim. you may want to contact Universal Radio. my first 515
had the mod when i got it from them. it's been too many years
for me to remember the full mod. BTW, great receiver, got
2 here. run a web search. there was a few web sites with many
mods for the 515. it's still a popular radio. good luck.

Drifter...

--- In nrd-525-535@yahoogroups.com, "Jim Francis" <jfran10657@...>
wrote:
>
> Hi
> I'm new to the group and have been trying to find some info on the mod.
> Can anyone tell me the what the actual mod was and what was the pot value?
>
> Thanks
> Jim
>

2005. Re: Lowe Mods

Yahoo group: nrd-525-535
Date: 2009-08-09 21:46:49 UTC
From: joekir2
Topic: 1986 Message: 2005

--- In nrd-525-535@yahoogroups.com, "g8lyv" <kkyahoo@...> wrote:
>
> Hi, does anyone have a scan or a copy of the couple of pages of info and description that came with the Lowe Modified NRD535?
>
> Thanks Kevin, G8LYV
>
Hi,
I'm trying to restore a Lowe modded 535 and I've come across some power supply mods, so if anyone has a copy of the schematic/circuit, I'd be grateful.

Joe

2006. Re: [nrd-525-535] Re: Lowe Mods

Yahoo group: nrd-525-535
Date: 2009-08-09 22:02:57 UTC
From: gandalfg8@aol.com
Topic: 1986 Message: 2006

In a message dated 09/08/2009 22:47:46 GMT Daylight Time, joekir2@...
writes:

Hi,
I'm trying to restore a Lowe modded 535 and I've come across some power
supply mods, so if anyone has a copy of the schematic/circuit, I'd be
grateful.

Joe

Hi Joe

The notes are handwritten and a bit scrappy and were never intended to be
released outside of Matlock, but with Lowe gone and the 535 long out of
production I don't suppose anyone will worry now about them being made public.

I turned their notes into a pdf file and will post that to the group files
section after sending this.

The PSU mod was the one part I didn't implement, I wasn't happy about the
extra caps hung across the motherboard, and always intended to devise an
alternative arrangement but never did, it seemed to work fine anyway without
it.

regards

Nigel
GM8PZR

2007. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2009-08-09 22:19:33 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 2007

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Lowe NRD535 Mods/Lowe_NRD535_Mods.pdf
Uploaded by : bibliophileuk <gandalfg8@...>
Description : Lowe Electronics NRD535 Modifications

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Lowe%20NRD535%20Mods/Lowe_NRD535_Mods.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

bibliophileuk <gandalfg8@...>

2008. Re: [nrd-525-535] Re: Lowe Mods

Yahoo group: nrd-525-535
Date: 2009-08-09 22:31:21 UTC
From: gandalfg8@aol.com
Topic: 1986 Message: 2008

In a message dated 09/08/2009 22:47:46 GMT Daylight Time, joekir2@...
writes:

Hi,
I'm trying to restore a Lowe modded 535 and I've come across some power
supply mods, so if anyone has a copy of the schematic/circuit, I'd be
grateful.

Hi Joe

That's the file uploaded, and you'll notice that pages 2 and 3 of the file
are very similar, both being marked as Lowe's page "2 of 6".
The original PSU mod was just to add the two capacitors and a diode, can't
remember now why the diode without checking the schematics, but a small
regulator circuit was added later to drive the upgraded audio amp.
The extra regulator parts are shown on the revised page "2 of 6" and the
schematic for that is on Lowe's page "6 of 6", page 7 of the file.

regards

Nigel
GM8PZR

2009. NRD- 91 - Adjustment procedure for the AGC circuitry . . .

Yahoo group: nrd-525-535
Date: 2009-08-10 01:43:33 UTC
From: m_shankman
Topic: 2009 Message: 2009

Greetings all,
I am looking for an E-copy of the maintenance manual for the JRC NRD-91 receiver.
Or, specifically, I want to see the adjustment procedure for the AGC circuitry. Maybe it is similar enough to an NRD-92 (or 93?) that that manual might just suffice.
Thanks all,
-Stan

2010. Re: [nrd-525-535] Re: Lowe Mods

Yahoo group: nrd-525-535
Date: 2009-08-10 19:15:26 UTC
From: kkyahoo
Topic: 1986 Message: 2010

Thanks for this Nigel,

I managed to acquire a Lowe modified 535 on eBay about 6 weeks ago and was able to compare it to my standard spec + options 535.

Firstly the ECSS Lowe mods are superb, there's no comparison with the original which drops out of lock very easily, so I modded my original 535.

The audio mods on the IF board are fine, but I wouldn't go as far as drilling the motherboard to fit the TDA1905 Lowe audio amp nor would I add the PSU caps and the regulator as they do look out of place glued to the underside of the motherboard. The original audio amp is ok in my opinion. Lowe were trying to get more audio output hence the regulator and the higher voltage supply rail.

If your Lowe modded 535 exhibits af hum, check whether the 13volt Zener has been fitted, Lowe had about 3 goes at getting the higher voltage supply sorted. The zener reduces the supply ripple by 20dB on my set, so I fitted it as the hum through the internal speaker was really annoying.

The Lowe SSB filter is fine with a 6dB measured bandwidth at 2.6kHz and the 60dB bandwidth at 3.3kHz, very similar to the JRC one at the 6dB points. The CKF455I AM filter that Lowe fitted is good with 6dB bandwidth at 6.2kHZ, and the 60dB bandwidth at 8.6kHz.

Kevin

----- Original Message -----
From: gandalfg8@...
To: nrd-525-535@yahoogroups.com
Sent: Sunday, August 09, 2009 11:31 PM
Subject: Re: [nrd-525-535] Re: Lowe Mods

In a message dated 09/08/2009 22:47:46 GMT Daylight Time, joekir2@... writes:
Hi,
I'm trying to restore a Lowe modded 535 and I've come across some power supply mods, so if anyone has a copy of the schematic/circuit, I'd be grateful.

Hi Joe

That's the file uploaded, and you'll notice that pages 2 and 3 of the file are very similar, both being marked as Lowe's page "2 of 6".
The original PSU mod was just to add the two capacitors and a diode, can't remember now why the diode without checking the schematics, but a small regulator circuit was added later to drive the upgraded audio amp.
The extra regulator parts are shown on the revised page "2 of 6" and the schematic for that is on Lowe's page "6 of 6", page 7 of the file.

regards

Nigel
GM8PZR

2011. Re: [nrd-525-535] Re: Lowe Mods

Yahoo group: nrd-525-535
Date: 2009-08-11 02:20:11 UTC
From: Brian Denley
Topic: 1986 Message: 2011

A question:
I have a late model 535D. The audio seems fine to me and I have not experienced display noise or sync detector losing lock or the other issues discussed here. I have a number of other top gun receivers to compare it to and I just love the radio. Is it possible that JRC made some improvements, am I just lucky or am I tone deaf?
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "kkyahoo" <kkyahoo@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, August 10, 2009 3:15 PM
Subject: Re: [nrd-525-535] Re: Lowe Mods

Thanks for this Nigel,

I managed to acquire a Lowe modified 535 on eBay about 6 weeks ago and was able to compare it to my standard spec + options 535.

Firstly the ECSS Lowe mods are superb, there's no comparison with the original which drops out of lock very easily, so I modded my original 535.

The audio mods on the IF board are fine, but I wouldn't go as far as drilling the motherboard to fit the TDA1905 Lowe audio amp nor would I add the PSU caps and the regulator as they do look out of place glued to the underside of the motherboard. The original audio amp is ok in my opinion. Lowe were trying to get more audio output hence the regulator and the higher voltage supply rail.

If your Lowe modded 535 exhibits af hum, check whether the 13volt Zener has been fitted, Lowe had about 3 goes at getting the higher voltage supply sorted. The zener reduces the supply ripple by 20dB on my set, so I fitted it as the hum through the internal speaker was really annoying.

The Lowe SSB filter is fine with a 6dB measured bandwidth at 2.6kHz and the 60dB bandwidth at 3.3kHz, very similar to the JRC one at the 6dB points. The CKF455I AM filter that Lowe fitted is good with 6dB bandwidth at 6.2kHZ, and the 60dB bandwidth at 8.6kHz.

Kevin

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From: gandalfg8@...
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Sent: Sunday, August 09, 2009 11:31 PM
Subject: Re: [nrd-525-535] Re: Lowe Mods

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Hi Joe

That's the file uploaded, and you'll notice that pages 2 and 3 of the file
are very similar, both being marked as Lowe's page "2 of 6".
The original PSU mod was just to add the two capacitors and a diode, can't
remember now why the diode without checking the schematics, but a small
regulator circuit was added later to drive the upgraded audio amp.
The extra regulator parts are shown on the revised page "2 of 6" and the
schematic for that is on Lowe's page "6 of 6", page 7 of the file.

regards

Nigel
GM8PZR

2012. Re: [nrd-525-535] Re: Lowe Mods

Yahoo group: nrd-525-535
Date: 2009-08-11 08:51:43 UTC
From: gandalfg8@aol.com
Topic: 1986 Message: 2012

In a message dated 10/08/2009 20:16:36 GMT Daylight Time,
kkyahoo@... writes:

I managed to acquire a Lowe modified 535 on eBay about 6 weeks ago and was
able to compare it to my standard spec + options 535.

Firstly the ECSS Lowe mods are superb, there's no comparison with the
original which drops out of lock very easily, so I modded my original 535.

Hi Kevin

I fitted the mods when the set was virtually new and hadn't had much
experience using the ECSS board at that time. I do recall there being a
noticeable difference in lock range but was never sure how much difference that
really made in practice, nice to hear it was worth the effort:-)

The audio mods on the IF board are fine, but I wouldn't go as far as
drilling the motherboard to fit the TDA1905 Lowe audio amp nor would I add the
PSU caps and the regulator as they do look out of place glued to the
underside of the motherboard. The original audio amp is ok in my opinion. Lowe
were trying to get more audio output hence the regulator and the higher
voltage supply rail.

The replacement audio amp IC was supplied with PCB and a bracket.
The PCB may have been already assembled but I can't remember now.
I'm pretty sure, although can't be 100% without checking, that the screw
marked "bracket fixing screw" in Lowe's notes was one of the existing screws.
To be honest I can't remember either what their justification was for
fitting the replacement amp and don't think I ever had a copy of their normally
supplied user notes.
I'm not even sure now that I fitted it.
I think I did but we are talking around 15 years ago and it's possible I
also put that to one side pending fitting the PSU mod, which I never went
back to.
I can't check right now as the 535 is in its box on top of some shelving,
with the usual pile of toot blocking access:-)

If your Lowe modded 535 exhibits af hum, check whether the 13volt Zener
has been fitted, Lowe had about 3 goes at getting the higher voltage supply
sorted. The zener reduces the supply ripple by 20dB on my set, so I fitted
it as the hum through the internal speaker was really annoying.

I never noticed any hum, but that's perhaps because I never implemented the PSU mod:-)

They didn't normally supply kits of parts, just fitted the mods in-house, but I persuaded them to let me have the bits so I could fit it myself, hence the scrappy notes and my picking and choosing what to fit.

I don't recall ever having a problem with the set's audio, either before or after modding it, so if I did fit the other amp I obviously didn't notice much difference, although the lack of PSU mod could be a factor.

The Lowe SSB filter is fine with a 6dB measured bandwidth at 2.6kHz and the 60dB bandwidth at 3.3kHz, very similar to the JRC one at the 6dB points. The CKF455I AM filter that Lowe fitted is good with 6dB bandwidth at 6.2kHZ, and the 60dB bandwidth at 8.6kHz.

It was the filter upgrade that was my main reason for buying the kit in the first place, the other bits made little difference to the cost so I just took them, that and the fact that I was about to strip the set anyway to upgrade the Eproms.

The cost of the Lowe parts and filters was significantly cheaper at the time than the JRC SSB filter on its own, which was an incentive, but their method of fitting the SSB crystal filter was a bit of a bodge.

I can understand the logic behind using the AUX slot and then extending the wiring to the normal FL4 position, to have the new filter selected when switching to SSB, but given that the AUX slot is no longer available anyway I think if I was doing it now I'd probably just leave the original FL4 in circuit and let the SSB crystal filter be the AUX option.

regards

Nigel
GM8PZR

2013. Re: [nrd-525-535] Re: Lowe Mods

Yahoo group: nrd-525-535
Date: 2009-08-11 09:10:58 UTC
From: gandalfg8@aol.com
Topic: 1986 Message: 2013

In a message dated 11/08/2009 03:21:17 GMT Daylight Time,
b.denley@... writes:

A question:
I have a late model 535D. The audio seems fine to me and I have not
experienced display noise or sync detector losing lock or the other issues
discussed here. I have a number of other top gun receivers to compare it
to
and I just love the radio. Is it possible that JRC made some improvements,
am I just lucky or am I tone deaf?

Hi Brian

I'm not aware of any changes but, of course, that doesn't mean there
weren't any.

The lock range of the ECSS was considered an issue from the start,
certainly by reviewers comparing it with other receivers, but I never had enough
experience before modifying mine to know whether it was just the comparisons
winding them up or if it was a significant problem in practice, perhaps
Kevin could give you a better answer on that one.

I've never had a problem with the audio either, again there seemed to be
plenty of complaints about the audio "quality" but I don't recall
specifically now what was supposed to be wrong with it.
Such things are subjective, especially with comms receivers not being
exactly intended for hi-fi listening anyway, so if you're happy with it, as I am
with mine, then that's probably all that matters.

The display noise consideration is an interesting one, I've not been aware
of it but if it's just hash raising the noise floor somewhat then perhaps
one wouldn't notice until it was gone.
I do know it's been considered a problem with some otherwise highly
regarded professional receivers so wouldn't be surprised if there was some degree
of display noise affecting the 535 too.
However, if there is I can't say it seems to me any noisier than anything
else I've got so, again, I don't think I'll be worrying too much.

regards

Nigel
GM8PZR

2014. Re: [nrd-525-535] Re: Lowe Mods

Yahoo group: nrd-525-535
Date: 2009-08-11 17:58:43 UTC
From: kkyahoo
Topic: 1986 Message: 2014

Brian,

I looked back at my recent notes on the Lowe modded 535 measurements that I took.

At an input of 1 mV pd the af distortion on AM with a 90% modulated 1kHz tone was 6.8% . After modifying the AM detector the distortion dropped to 0.7%.

To my ears this was very significant when listening to broadcast signals. Even on weak signals in the noise on top band the sound had a really nice clean feel to it after the mod.

It always amazed me that Lowe did these mods to improve the audio but failed to fix the detector.

I found that adding a Murata CFG455H produced a nice sound on strong signals, this is about 9k wide at the 6db points, and 14k at the 60 db points.

Nigel,

I agree with your comments on the bodge job on the Lowe SSB filter wired into the inter position. I think that this was done so that it would work with the CFL243 bandwidth control (early narrow version), which only functions in this position in SSB.

My Lowe 535 has this early version of the BWC whereas my non Lowe 535 has the CFL243W (wide version). The filters in the BWC boards are something to behold as the narrow one is 2.8k wide at the 6db point and 4.2k wide at the 60db point. The wide version is 6.3k wide at 6db down and 8.9k wide at 60db down. Both filters have an incredibly flat top.

It's worth remembering that the filter on the BWC board is in series with the SSB filter so that is why the skirt performance on SSB on the Lowe with a CFL243 is so good (3.3k at 60db down). To my ears I like the sound of the JRC filter followed by the wide CFL243W BWC, I have never liked the sound of too many poles of filtering on SSB.

As for the display noise, I don't notice it on my sets unless the mag loop rx antenna is within a few feet of the display,

Kevin , G8LYV.

----- Original Message -----
From: Brian Denley
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, August 11, 2009 3:20 AM
Subject: Re: [nrd-525-535] Re: Lowe Mods

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Nigel
GM8PZR

2015. Re: [nrd-525-535] Re: Lowe Mods

Yahoo group: nrd-525-535
Date: 2009-08-10 20:32:04 UTC
From: John Dokulil
Topic: 1986 Message: 2015

Gentlemen

I have been following your topic with much interest because I am one of those who can definitely hear the muddiness (the only word I have to describe it) of my once unmodified 535D's audio quality concerning week signals. I am a Dxer. so I do most (If not all) my listening to week AM signals. I use headphones (JRC ST-3 and Denon AH-D101) not a speaker.

My other receivers I use is a Hammarlund HQ 180 with Collins filters and upgraded capacitors in the AF stage... the other is a Kenwood R-2000 with upgraded filters and a few upgraded caps in the final AF stage.

But before I upgraded my 535D, I had problems understanding what was being said on week signals. Using the same antenna and same headphones. on my R-2000 I could clearly understand about 80% of what was being said on a particular week station. but on my stock 535D I could only understand about 20% of what was being said. Now concerning the price and quality difference of my 535D and my R-2000 if figure that it should be the other way around. So I sent my 535D back to Universal Radio and they checked it out and stated that it was OK, but after some convincing they sent me a new replacement 535D. which sounded slightly better but still not as good as my R-2000 on week signals.

Now after several filter upgrades and almost all Kiwa's upgrades, my 535D sounds much cleaner and I can now better understand what is spoken on week DX signals. But even still on occasion I need to take out my shelved Kenwood R-2000 and hook it up so to copy what my 535D just still can't seem to do.

I truly love my 535D and would not exchange it for any other receiver.. But I still wish it could copy week signals with the clarity of an inexpensive R-2000. So anything you provide which cleanse up the audio of the 535D is much appreciated. I have learned much from Nigel and he has helped me tweak several things in my 535D and I find that every little thing does eventually add up to a good clean sounding audio for DX work.

So here is my question. what is you opinion on any of the Lowe mods concerning cleaning up the 535D's audio readability of week DX signals? I am not interested in Hi Fidelity sound reproduction, or how great the music sounds through speakers... just the cleanliness and readability of a week DX signal!

Thank you all for contributing your thoughts on improving the already great NRD-535D.

John Dokulil
WDX6GMX

----- Original Message -----
From: gandalfg8@aol.com
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, August 11, 2009 02:10 AM
Subject: Re: [nrd-525-535] Re: Lowe Mods

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I'm not aware of any changes but, of course, that doesn't mean there weren't any.

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Such things are subjective, especially with comms receivers not being exactly intended for hi-fi listening anyway, so if you're happy with it, as I am with mine, then that's probably all that matters.

The display noise consideration is an interesting one, I've not been aware of it but if it's just hash raising the noise floor somewhat then perhaps one wouldn't notice until it was gone.
I do know it's been considered a problem with some otherwise highly regarded professional receivers so wouldn't be surprised if there was some degree of display noise affecting the 535 too.
However, if there is I can't say it seems to me any noisier than anything else I've got so, again, I don't think I'll be worrying too much.

regards

Nigel
GM8PZR

2016. Reply to John D

Yahoo group: nrd-525-535
Date: 2009-08-12 19:47:00 UTC
From: kkyahoo
Topic: 2016 Message: 2016

John,

If you measured the signal to noise on your 535 and compared it to your R-2000 that might be a factor, but I would be suprised if both sets did not measure well.

I have always felt that a clean low distortion detector/IF chain and good if filtering is the key to good intelligibility. Really horrible detectors intermodulate the noise and the wanted signal and they are fatiguing and reduce intelligibility. Did you ever implement my detector mods on your 535? I listen to weakish signals on 160M and find that these detector mods just make the signal somehow standout from the noise, maybe this could be the solution,

Kevin, G8LYV

2017. Re: [nrd-525-535] Reply to Kevin

Yahoo group: nrd-525-535
Date: 2009-08-11 21:34:00 UTC
From: John Dokulil
Topic: 2017 Message: 2017

Kevin,

I’m not sure which mod you are referring to… is it the one in which you reduced the value of R87 by bridging it with a 8.2k resistor, and removing R221 leaving that connection shorted? If so, I have not tried this mod.

I've been tempted several times to sit down and just do it, but in the last 8 mounts I've gotten a divorce (definitely a good thing) and moved from the quiet outskirts of a small California town in the Sierra Foothills (Grass Valley) to now living in a medium size central California town near the beach (San Luis Obispo). I’ve been spending most of my time making my listening aria as free from city interference as possible (mostly RFI) and only now have the time to once again tinker with modifications on my 535D.

The only thing that has kept me from doing this mod is one thing an engineer friend of mine who works for National Semiconductor (he designs computer chips) said to me… “Remember… because the circuit was originally that way… they must have had a good reason to make a change, and usually any engineering/production change is for the better”. So I have been hesitant to implement the change. But than again… it’s not anything that can’t easily be put back.

Please let me know if this is the mod you are referring to.

Thanks for the reply,

John Dokulil
WDX6GMX

----- Original Message -----
From: kkyahoo
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, August 12, 2009 12:47 PM
Subject: [nrd-525-535] Reply to John D

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Kevin, G8LYV

2018. Re: Lowe Mods

Yahoo group: nrd-525-535
Date: 2009-08-12 22:22:45 UTC
From: joekir2
Topic: 1986 Message: 2018

--- In nrd-525-535@yahoogroups.com, gandalfg8@... wrote:
>
>
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> writes:
>
> Hi,
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> supply mods, so if anyone has a copy of the schematic/circuit, I'd be
> grateful.
>
> Joe
>
>
> ----------------------
> Hi Joe
>
> The notes are handwritten and a bit scrappy and were never intended to be
> released outside of Matlock, but with Lowe gone and the 535 long out of
> production I don't suppose anyone will worry now about them being made public.
>
> I turned their notes into a pdf file and will post that to the group files
> section after sending this.
>
> The PSU mod was the one part I didn't implement, I wasn't happy about the
> extra caps hung across the motherboard, and always intended to devise an
> alternative arrangement but never did, it seemed to work fine anyway without
> it.
>
> regards
>
> Nigel
> GM8PZR
>
Hi Nigel,
Thank you so much for posting that...I've been looking for it for quite a while. I agree with you about the PSU mods...mine has the two large caps, as well as a regulator and other components encased in wax. Not optimal for servicing.

Joe

2019. Re: [nrd-525-535] Reply to Kevin

Yahoo group: nrd-525-535
Date: 2009-08-13 05:30:37 UTC
From: kkyahoo
Topic: 2017 Message: 2019

John,

Yes the mod is to remove the10k resistor (R221) and to replace R87 with a 6.8k resistor.

Originally I bridged R87 with a conventional leaded resistor of 8.2k, but I now have some SMD resistors so did a cleaner job this time around. The mod is just a direct copy of the 525 circuit, nothing revolutionary at all! As you say it is reversible, so its a very low risk to implement.

Kevin

----- Original Message -----
From: John Dokulil
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, August 11, 2009 10:34 PM
Subject: Re: [nrd-525-535] Reply to Kevin

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Thanks for the reply,

John Dokulil
WDX6GMX

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Kevin, G8LYV

2020. Service NRD535D

Yahoo group: nrd-525-535
Date: 2009-08-15 03:41:16 UTC
From: rangcover12
Topic: 2020 Message: 2020

I would like to buy payment extension circuit board NJZ-667. It Is at somebody?

2021. NRD-525 squelching in one area

Yahoo group: nrd-525-535
Date: 2009-08-16 16:42:28 UTC
From: Ron van Mierlo
Topic: 2021 Message: 2021

Hi all,

I am new to this group and would like to submit a problem.
My NRD-525 goes into squelch between the frequencies 15.333.00 and 24.206.99 Mhz. This happens regardless of any of all
the control knobs turned.
When in that range the AGC is toggled through the OFF, FAST and SLOW settings, the SQUELCH indication is respectively:
off, shown and shown. But the squelch is not working with any of the chosen AGC settings.
All this is only true for the given frequency range 15.333.00 - 24.206.99 Mhz, below and above the receiver functions
normal.
I have done some common troubleshooting by removing all the boards, clamping the socket contacts a little tighter and
ensuring that each board is fully seated.
I have also lifted one side of the backup battery and let it drain the memory from all it's settings. A note there: I've
seen someone suggesting that the memory backup would be lost after 10 minutes without battery power but that is not
true, 30 minutes worked for me.
However, resetting the receiver in this way did not solve the problem.

Any suggestions what the cause may be for this problem?

Ron van Mierlo PE2RVM/SM6WHN

2022. Re: NRD-525 squelching in one area

Yahoo group: nrd-525-535
Date: 2009-08-16 19:15:32 UTC
From: caladonia5560
Topic: 2021 Message: 2022

Hello Ron,

It looks like the local oscillator on the loop 1 board is becoming unlocked. If you haven't done so already download the NRD-525 service manual from the files section of this group under manuals for 525/535 section. Take a look at the alignment for the VCO section on page 2-13 and 2-14 and also the schematic for the same board on page 5-22. You might first want to check the VCO 1 through 4 logic levels on P23-8 to see if they switch at the proper frequencies given in the alignment. The VCO 3 section is suspect since it operates from 15.33299 to 24.20699. You probably will need an extender board.

Regards,

Les Layton
Las Vegas, NV

--- In nrd-525-535@yahoogroups.com, Ron van Mierlo <ron-eefje@...> wrote:
>
> Hi all,
>
> I am new to this group and would like to submit a problem.
> My NRD-525 goes into squelch between the frequencies 15.333.00 and 24.206.99 Mhz. This happens regardless of any of all
> the control knobs turned.
> When in that range the AGC is toggled through the OFF, FAST and SLOW settings, the SQUELCH indication is respectively:
> off, shown and shown. But the squelch is not working with any of the chosen AGC settings.
> All this is only true for the given frequency range 15.333.00 - 24.206.99 Mhz, below and above the receiver functions
> normal.
> I have done some common troubleshooting by removing all the boards, clamping the socket contacts a little tighter and
> ensuring that each board is fully seated.
> I have also lifted one side of the backup battery and let it drain the memory from all it's settings. A note there: I've
> seen someone suggesting that the memory backup would be lost after 10 minutes without battery power but that is not
> true, 30 minutes worked for me.
> However, resetting the receiver in this way did not solve the problem.
>
> Any suggestions what the cause may be for this problem?
>
> Ron van Mierlo PE2RVM/SM6WHN
>

2023. Re: [nrd-525-535] Re: NRD-525 squelching in one area

Yahoo group: nrd-525-535
Date: 2009-08-17 16:27:11 UTC
From: Ron van Mierlo
Topic: 2021 Message: 2023

Hi Les,

Yes I think that you hit the nail on the head with the section of the manual that you suggested. The faulty frequency
range that I found is within 10Hz the same as the frequencies given in the VCO adjustment procedure, so it seems logic
that this is where the fault resides. I will check if any of the required settings in my receiver are wrong and report
back what my findings are.
Thanks,

Ron van Mierlo PE2RVM/SM6WHN

caladonia5560 wrote:
> Hello Ron,
>
> It looks like the local oscillator on the loop 1 board is becoming unlocked. If you haven't done so already download the NRD-525 service manual from the files section of this group under manuals for 525/535 section. Take a look at the alignment for the VCO section on page 2-13 and 2-14 and also the schematic for the same board on page 5-22. You might first want to check the VCO 1 through 4 logic levels on P23-8 to see if they switch at the proper frequencies given in the alignment. The VCO 3 section is suspect since it operates from 15.33299 to 24.20699. You probably will need an extender board.
>
> Regards,
>
> Les Layton
> Las Vegas, NV
>
>
>
> --- In nrd-525-535@yahoogroups.com, Ron van Mierlo <ron-eefje@...> wrote:
>> Hi all,
>>
>> I am new to this group and would like to submit a problem.
>> My NRD-525 goes into squelch between the frequencies 15.333.00 and 24.206.99 Mhz. This happens regardless of any of all
>> the control knobs turned.
>> When in that range the AGC is toggled through the OFF, FAST and SLOW settings, the SQUELCH indication is respectively:
>> off, shown and shown. But the squelch is not working with any of the chosen AGC settings.
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>> normal.
>> I have done some common troubleshooting by removing all the boards, clamping the socket

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>> ensuring that each board is fully seated.
>> I have also lifted one side of the backup battery and let it drain the memory from all it's settings. A note there: I've
>> seen someone suggesting that the memory backup would be lost after 10 minutes without battery power but that is not
>> true, 30 minutes worked for me.
>> However, resetting the receiver in this way did not solve the problem.
>>
>> Any suggestions what the cause may be for this problem?
>>
>> Ron van Mierlo PE2RVM/SM6WHN

2024. Re: [nrd-525-535] Re: NRD-525 squelching in one area

Yahoo group: nrd-525-535
Date: 2009-08-17 19:57:15 UTC
From: Ron van Mierlo
Topic: 2021 Message: 2024

Further on this:

I found out that the voltages of all 4 VCO's were higher than the 7,1V(DC) upper limit. VCO 3 was far out with 7,86V.
Trimming VCO 3 was nearly impossible, it either finished up way above or way under 7,0V, but with any values under 7,0V
the receiver would at least function normal again. The best and closest I could get it to 7,0 Volt was 5,59 and way
under the lower limit of 6,9V. So something fishy is still going on there in either the VCO 3 trimmer itself or it's
circuit to make it behave that way. But on the bright side, at least reception is now possible again in the 15.333 -
24.207 Mhz region.

Ron PE2RVM/SM6WHN

Ron van Mierlo wrote:
> Hi Les,
>
> Yes I think that you hit the nail on the head with the section of the manual that you suggested. The faulty frequency
> range that I found is within 10Hz the same as the frequencies given in the VCO adjustment procedure, so it seems logic
> that this is where the fault resides. I will check if any of the required settings in my receiver are wrong and report
> back what my findings are.
> Thanks,
>
> Ron van Mierlo PE2RVM/SM6WHN
>
> caladonia5560 wrote:
>> Hello Ron,
>>
>> It looks like the local oscillator on the loop 1 board is becoming unlocked. If you haven't done so already download the NRD-525 service manual from the files section of this group under manuals for 525/535 section. Take a look at the alignment for the VCO section on page 2-13 and 2-14 and also the schematic for the same board on page 5-22. You might first want to check the VCO 1 through 4 logic levels on P23-8 to see if they switch at the proper frequencies given in the alignment. The VCO 3 section is suspect since it operates from 15.33299 to 24.20699. You probably will need an extender board.
>>
>> Regards,
>>
>> Les Layton
>> Las Vegas, NV
>>

>>
>>
>> --- In nrd-525-535@yahoogroups.com, Ron van Mierlo <ron-eefje@...> wrote:
>>> Hi all,
>>>
>>> I am new to this group and would like to submit a problem.
>>> My NRD-525 goes into squelch between the frequencies 15.333.00 and 24.206.99 Mhz. This happens regardless of any of all
>>> the control knobs turned.
>>> When in that range the AGC is toggled through the OFF, FAST and SLOW settings, the SQUELCH indication is respectively:
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>>> I have also lifted one side of the backup battery and let it drain the memory from all it's settings. A note there: I've
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>>> true, 30 minutes worked for me.
>>> However, resetting the receiver in this way did not solve the problem.
>>>
>>> Any suggestions what the cause may be for this problem?
>>>
>>> Ron van Mierlo PE2RVM/SM6WHN
>
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

2025. Re: NRD-525 squelching in one area

Yahoo group: nrd-525-535
Date: 2009-08-18 17:39:06 UTC
From: Ron van Mierlo
Topic: 2021 Message: 2025

Back to square one!

Yesterday the trimming seemed to have worked wonders but just a minute ago after switching the receiver on it refused
again, just like before squelching in the VCO 3 region.
It looks like I am now forced to dig deeper and will possibly have to replace some components in the VCO 3 section.
Mechanically things did look sound, but once stripped again, I will also double-check the soldering points of the two
large sockets in the main board for the CGA 131 card.

Ron van Mierlo

Ron van Mierlo wrote:
> Further on this:
>
> I found out that the voltages of all 4 VCO's were higher than the 7,1V(DC) upper limit. VCO 3 was far out with 7,86V.
> Trimming VCO 3 was nearly impossible, it either finished up way above or way under 7,0V, but with any values under 7,0V
> the receiver would at least function normal again. The best and closest I could get it to 7,0 Volt was 5,59 and way
> under the lower limit of 6,9V. So something fishy is still going on there in either the VCO 3 trimmer itself or it's
> circuit to make it behave that way. But on the bright side, at least reception is now possible again in the 15.333 -
> 24.207 Mhz region.
>
> Ron PE2RVM/SM6WHN
>
>
> Ron van Mierlo wrote:
>> Hi Les,
>>
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>> range that I found is within 10Hz the same as the frequencies given in the VCO adjustment procedure, so it seems logic
>> that this is where the fault resides. I will check if any of the required settings in my receiver are wrong and report
>> back what my findings are.
>> Thanks,
>>
>> Ron van Mierlo PE2RVM/SM6WHN
>>
>> caladonia5560 wrote:

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>>>
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>>> Regards,
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>>> Les Layton
>>> Las Vegas, NV
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>>>
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>>>>
>>>> I am new to this group and would like to submit a problem.
>>>> My NRD-525 goes into squelch between the frequencies 15.333.00 and 24.206.99 Mhz. This happens regardless of any of all
>>>> the control knobs turned.
>>>> When in that range the AGC is toggled through the OFF, FAST and SLOW settings, the SQUELCH indication is respectively:
>>>> off, shown and shown. But the squelch is not working with any of the chosen AGC settings.
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>>>> I have done some common troubleshooting by removing all the boards, clamping the socket contacts a little tighter and
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>>>> I have also lifted one side of the backup battery and let it drain the memory from all it's settings. A note there: I've
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>>>> true, 30 minutes worked for me.
>>>> However, resetting the receiver in this way did not solve the problem.
>>>>
>>>> Any suggestions what the cause may be for this problem?
>>>>
>>>> Ron van Mierlo PE2RVM/SM6WHN

2026. NRD 535D accessories and parts

Yahoo group: nrd-525-535
Date: 2009-08-23 04:38:28 UTC
From: ddsradio1966
Topic: 2026 Message: 2026

Hi,

I just purchased a 535D and should have it in a week or less. Really excited, as I had one of these about ten years ago-- had to put it in cold storage when I moved overseas-- only to have it destroyed by water damage some months later.

Question: if I need accessories or spare parts (and a DC cable is one thing which immediately comes to mind), who do I contact? I know Universal Radio has some accessories still in stock but they do not sell overseas (this per email from U.R.).

Someone in the USA, who ships overseas...or someone outside the USA (preferably Australia/NZ). Or...maybe I will have to get what I need second-hand?

Also, I have seen the invoice for the radio, initially purchased at Grove Enterprises. It says the "ACC23" was also installed. Anyone know what this is?

Thanks for your help. Very happy to be getting another 535D and I WON'T let this one slip away.

73s

David

2027. 535D CFL-234W Question

Yahoo group: nrd-525-535
Date: 2009-08-23 09:19:08 UTC
From: ddsradio1966
Topic: 2027 Message: 2027

Hi Everyone,

As mentioned in a previous post, I anticipate the arrival of my NRD 535D in the next week. Just curious: did the dedicated 535D come from the factory with the CFL-243W BWC?

I didn't know there had been two versions of the BWC. Years ago prior, when I had an NRD 535, I "upgraded" the set myself by buying the appropriate BWC card etc from Amateur Electronics Supply. That card was for the 243W.

Now...what about the 535D? The set I am buying has the "535D" insignia on the front. Also, pictures of the radio's readout show it in ECSS-USB, wide filter position, BWC engaged.

Thanks for your input.

David

2028. Re: [nrd-525-535] NRD 535D accessories and parts

Yahoo group: nrd-525-535
Date: 2009-08-23 09:21:13 UTC
From: gandalfg8@aol.com
Topic: 2026 Message: 2028

In a message dated 23/08/2009 05:39:58 GMT Daylight Time, ddsradio@...
writes:

I just purchased a 535D and should have it in a week or less. Really
excited, as I had one of these about ten years ago-- had to put it in cold
storage when I moved overseas-- only to have it destroyed by water damage some
months later.

Question: if I need accessories or spare parts (and a DC cable is one
thing which immediately comes to mind), who do I contact? I know Universal
Radio has some accessories still in stock but they do not sell overseas (this
per email from U.R.).

Someone in the USA, who ships overseas...or someone outside the USA
(preferably Australia/NZ)Someone in the USA, who ships overseas...or someone outs

Also, I have seen the invoice for the radio, initially purchased at Grove
Enterprises. It says the "ACC23" was also installed. Anyone know what this
is?

Hi David

From your mention of the invoice can we assume you bought the 535D
recently sold on Ebay by bigapple59?

If so, and if you look closely at his photos of the invoice, you'll see it
actually says "ACC29 Installed", and not ACC23 as stated in the auction.

I'm still non the wiser but it might mean more to somebody else in the
group.

If it wasn't that one, and your invoice does say ACC23, it still begs the
question of what either of them were.
Perhaps ACCxx was a Grove internal reference?

Either way, if it is that one it certainly looks to be a very nice radio:-)

regards

Nigel
GM8PZR

2029. Re: [nrd-525-535] 535D CFL-234W Question

Yahoo group: nrd-525-535
Date: 2009-08-23 09:34:49 UTC
From: gandalfg8@aol.com
Topic: 2027 Message: 2029

In a message dated 23/08/2009 10:19:39 GMT Daylight Time, ddsradio@...
writes:

As mentioned in a previous post, I anticipate the arrival of my NRD 535D
in the next week. Just curious: did the dedicated 535D come from the factory
with the CFL-243W BWC?

I didn't know there had been two versions of the BWC. Years ago prior,
when I had an NRD 535, I "upgraded" the set myself by buying the appropriate
BWC card etc from Amateur Electronics Supply. That card was for the 243W.

Now...what about the 535D? The set I am buying has the "535D" insignia on
the front. Also, pictures of the radio's readout show it in ECSS-USB, wide
filter position, BWC engaged.

Again, if it's the bigapple59 receiver the invoice shown is dated October
1993.

The CFL243 became the CFL243W quite some time before that, the July 1991
user manual shows the CFL243 but the October 1991service manual is already
showing the CFL243W, so it's highly likely the card in that one will be a
243W.

regards

Nigel
GM8PZR

2030. Re: [nrd-525-535] 535D CFL-234W Question

Yahoo group: nrd-525-535
Date: 2009-08-23 10:11:50 UTC
From: ddsradio@juno.com
Topic: 2027 Message: 2030

Again, if it's the bigapple59 receiver the invoice shown is dated October 1993.

The CFL243 became the CFL243W quite some time before that, the July 1991 user manual shows the CFL243 but the October 1991service manual is already showing the CFL243W, so it's highly likely the card in that one will be a 243W.

Hi Nigel,

Yes, that is the radio I bought. My concern was based on the serial number: BR 53390, which I thought was prior to the improvements. I have emailed bigapple59 to confirm the BWC is the newer version; but from what you say, I have to think it is.

The same invoice shows the installation of something called an "ACC29". Do you know what this is? Couldn't find any info on Google.

Thanks much for the quick reply.

73s

David

_____
Earn a degree or certificate in Photography. Click here.
http://thirdpartyoffers.juno.com/TGL2131/fc/BLSrjnsNKjWmvj8KhhWw2UdMWJc14vHo6nlMPdnnQhj5nnIJHWqHaXgaEbW/

2031. Re: [nrd-525-535] 535D CFL-234W Question

Yahoo group: nrd-525-535
Date: 2009-08-23 10:36:43 UTC
From: Reinhold Schuttkowski
Topic: 2027 Message: 2031

Hi, David!

As far as I know the BWC works up to serial number 56005 with the INTER filter only (in SSB).

Higher numbers should have the BWC working also with the WIDE filter.

73, Reinhold

2032. Re: [nrd-525-535] 535D CFL-234W Question

Yahoo group: nrd-525-535
Date: 2009-08-23 10:37:36 UTC
From: gandalfg8@aol.com
Topic: 2027 Message: 2032

In a message dated 23/08/2009 11:15:13 GMT Daylight Time, ddsradio@...
writes:

The same invoice shows the installation of something called an "ACC29". Do
you know what this is? Couldn't find any info on Google.

Hi David

I did comment on this one earlier, and haven't the faintest idea:-),
although I still suspect that ACC29 was a Grove internal reference.

Other than the RTTY module and one more accessory filter, there wasn't
really much else that could be fitted inside a 535D,
The RTTY module doesn't look to be fitted so my first guess would have
been another filter, but from the photos the second filter slot also looks to
be empty.
I suppose another possibility could be a firmware upgrade, I upgraded my
then new 535 with a set of "F" Eproms around that time, but I can't think of
much else.

Perhaps it might be worth emailing Grove and asking if anybody there still
remembers what it was?

regards

Nigel
GM8PZR

2033. Re: [nrd-525-535] 535D CFL-234W Question

Yahoo group: nrd-525-535
Date: 2009-08-23 10:56:57 UTC
From: gandalfg8@aol.com
Topic: 2027 Message: 2033

In a message dated 23/08/2009 11:37:13 GMT Daylight Time,
reinholdschuttkowski@... writes:

As far as I know the BWC works up to serial number 56005 with the INTER
filter only (in SSB).

Whoops, sounds like my earlier comment was wrong then.

I based my comment on date of manufacture, having bought my 535G around
the same time or at most a few months later, plus the manual dates, but I've
just checked and my serial number is 58xxx.

Assuming there was no difference in the numbering sequence for the 535D,
and given the service manual indication that the CFL243W was in use by
October 1991, it would seem that Grove, or whoever was importing the sets into
the US, could have had quite a slow turnover.

regards

Nigel
GM8PZR

2034. Re: 535D CFL-234W Question

Yahoo group: nrd-525-535
Date: 2009-08-23 15:50:04 UTC
From: PaulLannuier
Topic: 2027 Message: 2034

Early production NRD-535D receivers (prior to serial #56005) shipped from the factory with the original BWC (CFL-243) which worked with INTER filter and only is SSB, but a good number of these early radios were upgraded to later CFL-243W spec. If the BWC can be turned on while in AM mode and/or with wide filter selected, it has been upgraded. The upgrade kit also included a replacement wide filter (CLF-D6S) and version D (or later) firmware.

73,
Paul WW2PT

--- In nrd-525-535@yahoogroups.com, Reinhold Schuttkowski <reinholdschuttkowski@...>
wrote:
>
> Hi, David!
>
> As far as I know the BWC works up to serial number 56005 with the INTER
> filter only (in SSB).
>
> Higher numbers should have the BWC working also with the WIDE filter.
>
> 73, Reinhold
>

2035. Re: NRD 535D accessories and parts

Yahoo group: nrd-525-535
Date: 2009-08-28 15:59:53 UTC
From: larfla2
Topic: 2026 Message: 2035

--- In nrd-525-535@yahoogroups.com, "ddsradio1966" <ddsradio@...> wrote:
>
> Hi,
>
> I just purchased a 535D and should have it in a week or less. Really excited, as I had one of these about ten years ago-- had to put it in cold storage when I moved overseas--only to have it destroyed by water damage some months later.
>
> Question: if I need accessories or spare parts (and a DC cable is one thing which immediately comes to mind), who do I contact? I know Universal Radio has some accessories still in stock but they do not sell overseas (this per email from U.R.).
>
> Someone in the USA, who ships overseas...or someone outside the USA (preferably Australia/NZ). Or...maybe I will have to get what I need second-hand?
>
> Also, I have seen the invoice for the radio, initially purchased at Grove Enterprises. It says the "ACC23" was also installed. Anyone know what this is?
>
> Thanks for your help. Very happy to be getting another 535D and I WON'T let this one slip away.
>
> 73s
>
> David
>
Hello David,
As I recall, a Grove ACCxxx is/was a preassembled serial cable for the RS-232C port on the back of the rig. It enables remote control via a PC. Universal Radio has a DC power cable listed for the NRD-525/545 at $21.00. That cable will work on the 535, just be sure to put a 3 amp fuse in it. I guess Universal won't ship radios overseas, perhaps you could talk them into shipping a mere cable? Or have a friend or relative in the US purchase it and send it to you? Regards, Larry W2DDG

2036. Re: [nrd-525-535] Re: NRD 535D accessories and parts

Yahoo group: nrd-525-535
Date: 2009-08-28 23:45:43 UTC
From: ddsradio@juno.com
Topic: 2026 Message: 2036

Hello David,
As I recall, a Grove ACCxxx is/was a preassembled serial cable for the RS-232C port on the back of the rig. It enables remote control via a PC. Universal Radio has a DC power cable listed for the NRD-525/545 at $21.00. That cable will work on the 535, just be sure to put a 3 amp fuse in it. I guess Universal won't ship radios overseas, perhaps you could talk them into shipping a mere cable? Or have a friend or relative in the US purchase it and send it to you? Regards, Larry W2DDG

Hi Larry,

I emailed Grove Enterprises and they don't know what the ACC29 is/was, other than to tell me it was "an accessory." Considering the NRD-535D I have bought is pre-CFL-243W upgrade, but since I have seen pics of the radio in AM mode, ECSS and with the BWC "on", I have to think the accessory was the bandwidth control upgrade (especially since the radio was bought new in 1993). The old BWC would only work with "Inter" filter selected.

Regarding Universal Shortwave. I did contact them a few weeks back on another issue and they are pretty firm about NOT shipping overseas. You'd think, the way the economy is going, they'd be happy to take a credit card order and make a few bucks. But, not if you are overseas. I may have to go the "relative route" as you say.

73s

David

_____
Best Weight Loss Program - Click Here!
http://thirdpartyoffers.juno.com/TGL2131/fc/BLSrjnsEGrGNeo4mQD24USMhrjtAmnS5pZd1hSLiLlr92gP1t5et0haNTyA/

2037. FS: NRD-535D

Yahoo group: nrd-525-535
Date: 2009-08-31 16:10:14 UTC
From: PaulLannuier
Topic: 2037 Message: 2037

For Sale: NRD-535D Receiver

Serial #57745. This unit has upgraded BWC and Version H ROM. I replaced the stock SSB and AM filters with Collins torsional mechanical filters which work well. There is a third 500 Hz Collins filter in the NARR (FL5) position, though signal level through that filter might be down an S-unit or so; it's hard for me to tell without a test bench.

The AUX (FL6) position has no filter installed but the circuit had several components changed and I'm not sure what shape it's in since it's been over 10 years since I looked at it and have lost all my notes during several moves over the years -- all I know for sure is that the AUX filter circuit is not stock and will certainly have to have the original value SMD components reinstalled before it will work properly with a JRC crystal filter like the CFL-231/232/233. I no longer have the equipment, parts, or time to work on this radio before selling it; maybe someone has a spare filter board or simply wants a project radio to play around with.

The ECSS synch detector is installed and works well.

The main tuning encoder seems to have tightened up a bit over the years so it no longer spins with that "flywheel" feel it had when new, but otherwise works as it should. Physical condition is very good, just some normal wear and light scratches on the top from stuff stacked on top, but the front panel is very clean, no scratches on the display.

Original carton was lost during one of several moves, but I have the original "Engrish" owner's manual that I'll include.

Not sure what price to put on it, and I really don't want to put this radio on eBay -- would much rather put it out here among the JRC faithful knowing that it will find a good home -- so if anyone is interested in this radio please drop me an email and make me an offer.

73,
Paul WW2PT

2038. Splicing feed lines

Yahoo group: nrd-525-535
Date: 2009-09-01 01:01:55 UTC
From: mjavit01
Topic: 2038 Message: 2038

Hi All,
I have a question regarding the splicing of feed lines. I have moved from one location to another. I have to add about 50 feet of feed line to my antenna. It is a sloper and I'm using a 50 ohm line to feed it. I was wondering if I splice together another 50 feet of the same line using the typical connectors used in Cable TV installation (I think they are called "f" connectors) would there be any problems. Total length would be under 85 feet.

Thank you in advance

Mark

2039. Re: [nrd-525-535] Splicing feed lines

Yahoo group: nrd-525-535
Date: 2009-09-01 02:28:54 UTC
From: William H. Bowen
Topic: 2038 Message: 2039

Mark,

I should be OK, but remember the cable TV "F" connectors and the double-female barrel splicers are characterized for 75 ohm cable.

There ARE "F" connectors available for 50 ohm cable (L-COMM is one place that carries them) but they are not very common.

Regards,
Bill Bowen
Sacramento, CA

"mjavit01" <MJavit@...> wrote - - -

Date sent: Tue, 01 Sep 2009 01:01:55 -0000
Subject: [nrd-525-535] Splicing feed lines

> Hi All,
> I have a question regarding the splicing of feed lines. I have moved from one location to another. I have to add about 50 feet of feed line to my antenna. It is a sloper and I'm using a 50 ohm line to feed it. I was wondering if I splice together another 50 feet of the same line using the typical connectors used in Cable TV installation (I think they are called "f" connectors) would there be any problems. Total length would be under 85 feet.
>
> Thank you in advance
>
> Mark

2040. Re: [nrd-525-535] Splicing feed lines

Yahoo group: nrd-525-535
Date: 2009-09-01 05:20:11 UTC
From: Nixraff
Topic: 2038 Message: 2040

Hello Mark and Bill,
don't be afraid about the loss cased ba a possible missmatch in this case!

The loss because of a mismatch between 75 Ohm and 50 Ohm is: 0,177dB

That is 4%

So it doesn't matter ;o))

Best regards from the north western part of Germany, Europe.
Stephan

post scriptum: ...uuuh, you have two times a impedance mismatch, once from the 50 Ohm cable to the 75 Ohm connector and again from the connector to the cable: t.i. 2 x 0,177dB loss

-------- Original-Nachricht --------
> Datum: Mon, 31 Aug 2009 18:28:54 -800
> Von: "William H. Bowen" <wh_bowen@...>
> An: nrd-525-535@yahoogroups.com
> Betreff: Re: [nrd-525-535] Splicing feed lines

> Mark,
>
> I should be OK, but remember the cable TV "F" connectors and the double-
> female barrel splicers are characterized for 75 ohm cable.
>
> There ARE "F" connectors available for 50 ohm cable (L-COMM is one place
> that carries them) but they are not very common.
>
> Regards,
> Bill Bowen
> Sacramento, CA
>

--
Jetzt kostenlos herunterladen: Internet Explorer 8 und Mozilla Firefox 3 -
sicherer, schneller und einfacher! http://portal.gmx.net/de/go/atbrowser

2041. NRD 535D works great!

Yahoo group: nrd-525-535
Date: 2009-09-02 20:49:50 UTC
From: ddsradio1966
Topic: 2041 Message: 2041

Hi Everyone.

I received my 535D, bought from Ebay, two days ago. After a little attention, the radio works superbly.

When I first turned the radio on, sensitivity seemed lower than I remembered, from prior use in the 90's. So, I took out all the boards and re-seeded them. No change. Then yesterday, I decided to take another shot with the boards and then the radio sprang to life. So, it's worth emphasizing...even if you think the boards are securely planted and the radio still isn't right, try again.

I have compared the radio to my FT-950 and there is almost no comparison. Amazing to think that a new DSP-based ham transceiver is still outshined by a 15-year old radio!

The only thing on the 950, which is better than the 535D, is the notch filter.

I live in a relatively quiet QTH. Background QRM barely moves the 535D's S-meter. But on the 950, it's at least S9. The signal-to-noise ratio on the 535 is SO MUCH BETTER.

About the audio. I've connected the 535 to a Timewave 599zx DSP unit. Output on the Timewave goes to a pair of amplified computer speakers. I have to say, the resulting audio quality is nearly as good as the FT-950 most of the time, and in some cases, even better. Obviously, with the Timewave, I can "tweak" the audio response, which helps in narrow filter situations.

Finally, as an update to my first posting here: the radio was upgraded and has a fully-functional bandwidth control. I think this is possibly the BEST feature of the radio. With the FT-950 there is a variable BWC but it works in SSB only. The AM filters on the 950 are far too wide for serious DX, so I pretty much worked SSB to escape adjacent channel QRM.

73s

David Sharp
NSW Australia

2042. Re: [nrd-525-535] NRD 535D works great!

Yahoo group: nrd-525-535
Date: 2009-09-03 02:17:12 UTC
From: Brian Denley
Topic: 2041 Message: 2042

David:
I have a very similar setup. I route the audio from all my (non-boatanchor) receivers through the 599zx and then into my computer's sound system. The audio is very good. For those without the Timewave, there is a free soundcard based DSP audio filter system called SR5 that works surprisingly well. Like the 599zx, it has an auto notch. I hope you enjoy your 535D. It's such a pleasure to use. It's my favorite receiver for UTE's. I have the CMH-530 RTTY decoding card and it works pretty well but only decodes that mode..
Brian Denley
Melrose MA USA
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "ddsradio1966" <ddsradio@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, September 02, 2009 4:49 PM
Subject: [nrd-525-535] NRD 535D works great!

Hi Everyone.

I received my 535D, bought from Ebay, two days ago. After a little attention, the radio works superbly.

When I first turned the radio on, sensitivity seemed lower than I remembered, from prior use in the 90's. So, I took out all the boards and re-seeded them. No change. Then yesterday, I decided to take another shot with the boards and then the radio sprang to life. So, it's worth emphasizing...even if you think the boards are securely planted and the radio still isn't right, try again.

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The only thing on the 950, which is better than the 535D, is the notch filter.

I live in a relatively quiet QTH. Background QRM barely moves the 535D's S-meter. But on the 950, it's at least S9. The signal-to-noise ratio on the 535 is SO MUCH BETTER.

About the audio. I've connected the 535 to a Timewave 599zx DSP unit. Output on the Timewave goes to a pair of amplified computer speakers. I have to say, the resulting audio quality is nearly as good as the FT-950 most of the time, and in some cases, even better. Obviously, with the Timewave, I can "tweak" the audio response, which helps in narrow filter situations.

Finally, as an update to my first posting here: the radio was upgraded and has a fully-functional bandwidth control. I think this is possibly the BEST feature of the radio. With the FT-950 there is a variable BWC but it works in SSB only. The AM filters on the 950 are far too wide for serious DX, so I pretty much worked SSB to escape adjacent channel QRM.

73s

David Sharp
NSW Australia

2043. Searching NRD-535

Yahoo group: nrd-525-535
Date: 2009-09-04 11:21:36 UTC
From: hitzendorfer
Topic: 2043 Message: 2043

first of all,

greetings to all active group members. i am searching for a well working nrd-535. is there any of these available in the group? i am again (after 20 years of other hobbys) again interested in dx-ing. nrd-5xx were the most impressing receivers ... want to realize this dream now ;-)

best regards - thanks for your help
tom

2044. JRC 535 Notch Filter

Yahoo group: nrd-525-535
Date: 2009-09-06 11:08:03 UTC
From: exnci2000
Topic: 2044 Message: 2044

I am not satisfied with the notch filter.I am not sure if it is not well aligned.What I can do to improve it ?
Best regards
Franco

2045. Re: [nrd-525-535] JRC 535 Notch Filter

Yahoo group: nrd-525-535
Date: 2009-09-06 11:50:56 UTC
From: ka4prf@peoplepc.com
Topic: 2044 Message: 2045

Franco,

the service manual gives instructions for aligning the
notch filter.

Chuck
----- Original Message -----
From: exnci2000
To: nrd-525-535@yahoogroups.com
Sent: Sunday, September 06, 2009 12:08
Subject: [nrd-525-535] JRC 535 Notch Filter

I am not satisfied with the notch filter.I am not sure if it is not well aligned.What I can do to improve it ?
Best regards
Franco

2046. Re: [nrd-525-535] JRC 535 Notch Filter

Yahoo group: nrd-525-535
Date: 2009-09-06 12:33:04 UTC
From: Claus Galow
Topic: 2044 Message: 2046

Hello Franco;

I have exactly the same problem with the 535 notch. In some reviews of the NRD-535 the notch was called "superb" or "best buy", but I do not think so. My 535 notch-filter was re-aligned by a radio-dealer, but there is still the same problem. It can not delete a whistle, no matter what I?m doing. For that there will be three reasons: I am to silly to do or the notch is not as good as they say....

My conclusion: As good as the receiver is so bad is his notch

Greetings Claus

2047. Re: [nrd-525-535] JRC 535 Notch Filter

Yahoo group: nrd-525-535
Date: 2009-09-06 12:38:41 UTC
From: Claus Galow
Topic: 2044 Message: 2047

I had forgotten the third reason.... The dealer was not able to find a error......

Claus

2048. Re: JRC 535 Notch Filter

Yahoo group: nrd-525-535
Date: 2009-09-06 14:45:04 UTC
From: exnci2000
Topic: 2044 Message: 2048

--- In nrd-525-535@yahoogroups.com, Claus Galow <clausgalow@...> wrote:
>
> Hello Franco;
>
> I have exactly the same problem with the 535 notch. In some reviews of
> the NRD-535 the notch was called "superb" or "best buy", but I do not
> think so. My 535 notch-filter was re-aligned by a radio-dealer, but
> there is still the same problem. It can not delete a whistle, no matter
> what I´m doing. For that there will be three reasons: I am to silly to
> do or the notch is not as good as they say....
>
> My conclusion: As good as the receiver is so bad is his notch
>
> Greetings Claus
>
Hi..so there is not failure in my notch filter ! I find JRC 535 too noisy to listen to weak Dx signals.I prefer my Drake R8E...!
best regars
FRanco

2049. Re: [nrd-525-535] Re: JRC 535 Notch Filter

Yahoo group: nrd-525-535
Date: 2009-09-06 17:08:29 UTC
From: Claus Galow
Topic: 2044 Message: 2049

Hello Franco;

to say it clear: I think, NRD 535 is a great receiver for both - swl and dx, but there are some points, I really hate. One point ist the notch filter and the other, really bad point is the frightening hf noise from vlf to medium wave that comes from the display. Using indoor antennas like loops or ferrites near to the receiver is not very satisfactory, because then you only hear hum. I use the 535 mostly with a RF-Systems DX-10, that is mounted in the garden and thats a great combination.

Greetings Claus

>

2050. Noise Levels

Yahoo group: nrd-525-535
Date: 2009-09-08 21:42:40 UTC
From: ddsradio1966
Topic: 2050 Message: 2050

Hi,

I know the 535D has issues with noise generated by the readout, namely, it's difficult to use loop aerials etc in close proximity. But for use with external antennas, I find the 535D is MORE QUIET than my FT-950 or Drake. Having made these comments, let me say the 535D is connected to a good earth (ground).

I agree on the other point, the notch could be better. I use the notch on the Timewave 599zx instead.

73s

David
NSW Australia

Hi..so there is not failure in my notch filter ! I find JRC 535 too noisy to listen to weak Dx signals.I prefer my Drake R8E...!
best regars
FRanco

2051. NRD 535D

Yahoo group: nrd-525-535
Date: 2009-09-08 21:44:43 UTC
From: cstj23
Topic: 2051 Message: 2051

Hi to all members,

I have had my 535D for a week or so now and like the set. I have had many radios over the years and have ended up only keeping a few including some Collins and Drake receivers.
I was going to try the ECSS mod as well as the filter skirt tightening mod.Can anyone in the group who has done the ECSS mod tell me if it makes a real improvement over the stock circuit.

Regards,
Jim

2052. Re: Noise Levels

Yahoo group: nrd-525-535
Date: 2009-09-09 11:42:40 UTC
From: exploreaustralia
Topic: 2050 Message: 2052

Hi David

I have a 535 and was very unhappy with its RFI from the display.
About a 6 months ago I wrote a detailed description of how to reduce the RFI by 95%.
The post title was
Mod to greatly reduce the 535 display RFI noise problem

It is a difficult mod but was worth it.
The 535 is a whole different radio once the mod is done.
The 535 is a very quiet receiver but the VFD and other front panel circuitry really screws up a good radio.
If you can silence the RFI from the front panel you will be thrilled what you can receive.
On my modified 535, you can place a standard AM radio on top of it and there is no RFI interfering with the reception of the AM radio.

FYI. my notch and ECSS do not work properly, but that has nothing to do with the mod.

Regards John
NSW Australia

--- In nrd-525-535@yahoogroups.com, "ddsradio1966" <ddsradio@...> wrote:
>
> Hi,
>
> I know the 535D has issues with noise generated by the readout, namely, it's difficult to use loop aerials etc in close proximity. But for use with external antennas, I find the 535D is MORE QUIET than my FT-950 or Drake. Having made these comments, let me say the 535D is connected to a good earth (ground).
>
> I agree on the other point, the notch could be better. I use the notch on the Timewave 599zx instead.
>
> 73s
>
> David
> NSW Australia
>
> Hi..so there is not failure in my notch filter ! I find JRC 535 too noisy to listen to weak Dx signals.I prefer my Drake R8E...!
> best regars
> FRanco
>

2053. Re: Noise Levels

Yahoo group: nrd-525-535
Date: 2009-09-09 11:47:47 UTC
From: exploreaustralia
Topic: 2050 Message: 2053

For some reason the mod does not appear when searched for.
So here is a copy of it.

The concept of this mod will work on any radio.
I spent weeks doing little experiments trying to reduce the display RFI.

Now for the facts.
Yes, there is some RFI coming from the VFD (vacuum fluorescent display) component, but 95% is from the front panel electronics and switches.
The switches are continually scanned to detect if they are pressed. All that scanning creates a LOT of RFI.
The main RFI generator is the EPROM, if it is not properly shielded you may as well not bother.

When the NRD-535d was made, multi layer PCBs (printed circuit boards) were not readily available so they used a 2 layer PCB.
Unfortunately, the circuit layout designer only had digital experience and NO RF skills, as they did almost nothing to reduce RFI on the PCB.
The real fix is to use a 4 layer PCB and a simple RFI shield but that would be difficult and a bit expensive.

Looking at the front panel board makes me think that this radio would not have passed any government regulatory body testing.

So it is simple, fit a shield to the front of the PCB, the back already has a metal cover.
Unfortunately it is not a simple design.
It took me about 30 hours to work it out and 6 hours to make the shield and 3 hours to fit it.
As I could not get the material I needed, so I made my own RFI shielding, you may have better luck finding suitable material.
The shield is VERY thin copper foil, stuck onto a single sheet of adhesive labeling paper.
Great care needs to be taken not to damage the paper as it is your insulator.
Before sticking the label onto the copper sheet , print the template onto the label.

THIS IS VERY IMPORTANT:
IF YOU DO THIS WRONG YOU WILL DAMAGE YOUR RADIO. PAPER SIDE TO PBC.
You will need to think about what you are doing, you are going to place this insulated copper sheet on to the front panel PCB and solder it into place.
None of the copper sheet is to come in contact with ANY part of the PCB or components except where you solder it to ground.
If have never done fine work before, do not start.
Take your time and do it right first time.
Part of the shield template will look wrong, the tongue is to be placed under

the VFD.
I used thin double sided tape to hold the shield in place before it was soldered then held in place be the switch button cages.

When I was done.
The results are outstanding.
It is a completely different radio.
Now the NRD-535D can be on with any of my other radios operating causing NO interference.

I am still getting use to its new usefulness.

In the next day or two I will place the images and graphics of the shield in the files area for all to see.

The next RFI area is the CPU board and reducing the cross talk in the power lines throughout the radio. I hope that will reduce its noise floor.

Regards John

--- In nrd-525-535@yahoogroups.com, "exploreaustralia" <adams@...> wrote:
>
> Hi David
>
> I have a 535 and was very unhappy with its RFI from the display.
> About a 6 months ago I wrote a detailed description of how to reduce the RFI by 95%.
> The post title was
> Mod to greatly reduce the 535 display RFI noise problem
>
> It is a difficult mod but was worth it.
> The 535 is a whole different radio once the mod is done.
> The 535 is a very quiet receiver but the VFD and other front panel circuitry really screws up a good radio.
> If you can silence the RFI from the front panel you will be thrilled what you can receive.
> On my modified 535, you can place a standard AM radio on top of it and there is no RFI interfering with the reception of the AM radio.
>
> FYI. my notch and ECSS do not work properly, but that has nothing to do with the mod.
>
> Regards John
> NSW Australia
>
>
>
>
> --- In nrd-525-535@yahoogroups.com, "ddsradio1966" <ddsradio@> wrote:
> >
> > Hi,
> >
> > I know the 535D has issues with noise generated by the readout, namely, it's difficult to use loop aerials etc in close proximity. But for use with external antennas, I find the

535D is MORE QUIET than my FT-950 or Drake. Having made these comments, let me say the 535D is connected to a good earth (ground).
> >
> > I agree on the other point, the notch could be better. I use the notch on the Timewave 599zx instead.
> >
> > 73s
> >
> > David
> > NSW Australia
> >
> > Hi..so there is not failure in my notch filter ! I find JRC 535 too noisy to listen to weak Dx signals.I prefer my Drake R8E...!
> > best regars
> > FRanco
> >
>

2055. Re: Noise Levels

Yahoo group: nrd-525-535
Date: 2009-09-09 19:48:05 UTC
From: exnci2000
Topic: 2050 Message: 2055

Hi David
on my JRC 535 I hear an high background "hiss" level in the audio output, when antenna is not connected.In this condition ,AGC provides the maximum level of amplification as happens when we are listening to a very poor dx signal.Probabily my receiver has not a good alignement,but it remember me my old Icom IC R 71.The best quiet receiver I have heard at moment is the boatanchor Siemens E 311b (triple conversion receiver)
best regards
Franco
Ps:Please excuse my bad English :)

2056. Re: [nrd-525-535] Re: Noise Levels

Yahoo group: nrd-525-535
Date: 2009-09-09 20:02:38 UTC
From: ddsradio@juno.com
Topic: 2050 Message: 2056

Hi John,

Firstly, I am also in NSW!

I saw your mod to reduce the 535/D noise but it does seem a little complicated. I realize the radio throws out a lot of hash if you use a loop, or in my case, use a ICF-2010 in close proximity. But for general DX on an outdoor aerial, I have no issues with the radio.

Keep in mind, I have a very good earth to the radio and I don't use the Hi-Z connection, I have 50-ohm coax between the receiver and aerial. With this combination, I find the radio is quieter than my FT-950.

73's Everyone.

David

_____
Blue Cross Health Plans
Quote & compare top health plans like Blue Cross, Aetna, and more!
http://thirdpartyoffers.juno.com/TGL2131/c?cp=7MzO3b31nCNoHOPunWEQNgAAJz0yhd5O8JDHsop9pahieU-rAAQAAAAFAAAAAGW2qT4AAAAAAAAAAAAAAAAAA4aJAAAAAA==

2057. Re: [nrd-525-535] Re: Noise Levels

Yahoo group: nrd-525-535
Date: 2009-09-09 20:23:28 UTC
From: ddsradio@juno.com
Topic: 2050 Message: 2057

Hi Franco,

Is the hiss you hear related to RF from the radio, or just the result of the radio's mediocre audio quality?

I use amplified speakers on my 535D and I have MINIMAL hiss in the speakers until I switch on my Timewave 599zx DSP filter. Then, the audio is crisp(er) and clear(er). It's actually pleasant to about 3 kHz bandwidth, then I have to make a few adjustments on the Timewave, to enhance the high end.

Maybe what I am hearing is RF and not audio distortion. But the Timewave takes care of it. With this set-up, I have compared threshold signals on the 535D and the FT-950. And the end result is a more readable signal on the NRD, than on the Yaesu. The FT-950 is no slouch, so I can't complain with the results.

I don't use loop aerials. I have external aerials fed by 50-ohm coax. That probably helps, too.

73s
David

_____
Best Weight Loss Program - Click Here!
http://thirdpartyoffers.juno.com/TGL2131/fc/BLSrjnsEGrFUJBi9ZQgGsPLzqs47iI7Z51PkpbaMWjpcNKTcoFRSzBvbCiE/

2058. Re: Noise Levels

Yahoo group: nrd-525-535
Date: 2009-09-10 04:46:08 UTC
From: exploreaustralia
Topic: 2050 Message: 2058

Hi All

I did a real lot of testing to find the highest RFI area, which turned out to be the front panel keyboard strobe/scan clock, I am talking about TTL circuity design not a receiver selectable feature.
When I turned off the strobe/clock, 80% for the RFI disappeared, but of course no keys worked. I tried to change the clocking rate but it turned out to be the leading edge of the clock pulse that caused the noise, I changed that but I would have to modify all clock circuits, which would be a pain, so I did the next best thing and shielded it.

The next biggest RFI/Hiss generator is the CPU board and the cross talk between each of the boards.
This is because they are all poorly shielded from each other.

I hope to make a shield design soon.

I agree, that the audio is a bit hissy, but a tweak on the USB and LSB oscillators should change that or just turn the IF shift knob.

The Front panel sends RFI through out the radio.
If I tuned to something like 9760KHz USB with no antennas, I could clearly hear the front panel clocks.
After the mod, it is silent.

Regards John

--- In nrd-525-535@yahoogroups.com, "ddsradio@..." <ddsradio@...> wrote:
>
> Hi Franco,
>
> Is the hiss you hear related to RF from the radio, or just the result of the radio's mediocre audio quality?
>
> I use amplified speakers on my 535D and I have MINIMAL hiss in the speakers until I switch on my Timewave 599zx DSP filter. Then, the audio is crisp(er) and clear(er). It's actually pleasant to about 3 kHz bandwidth, then I have to make a few adjustments on the Timewave, to enhance the high end.
>
> Maybe what I am hearing is RF and not audio distortion. But the Timewave takes care of it. With this set-up, I have compared threshold signals on the 535D and the FT-950. And the end result is a more readable signal on the NRD, than on the Yaesu. The FT-950 is no slouch, so I can't complain with the results.
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> I don't use loop aerials. I have external aerials fed by 50-ohm coax. That probably helps, too.
>
> 73s

> David
>
> _____
> Best Weight Loss Program - Click Here!
> http://thirdpartyoffers.juno.com/TGL2131/fc/BLSrjnsEGrFUJBi9ZQgGsPLzqs47iI7Z51PkpbaMWjpcNKTcoFRSzBvbCiE/
>

2065. Re: Noise levels

Yahoo group: nrd-525-535
Date: 2009-09-10 17:06:41 UTC
From: exnci2000
Topic: 2064 Message: 2065

Hi David
I am referring to "internal" RFI (hissy audio output from JRC 535's loudspeaker) wich is picked up by CFL 287 RF Tune Unit.By extracting this Unit Board, noise (hiss on audio output)drops dramatically.This is only a simple test,obviously without RF Tune Unit, the receiver is not able to pick up any signal coming from external antenna.
best regards
Franco

2066. NRD 535D

Yahoo group: nrd-525-535
Date: 2009-09-13 04:09:32 UTC
From: warmglow01a
Topic: 2051 Message: 2066

Hi I am new here and I am having a problem with my NRD 535d receiver.
The front encoder for tuning the frequency is not working.
I beleive the encoder is defective there is a slight dent on it.
I am wondering where I can purchase a new one and how.
Also the front board seems to have an intermittent problem with some of the lights lighting up when they are not suppose to.
I can flex the front panel a little and they turn off of couse someone else had this receiver and they couldn't fix it I am sure I can I just need a source for parts and maybe a little input from this group maybe some of you have had this type of issue with it other than that the receiver tunes and works well manually just cannot use the front panel tuning dial.
Thanks in advance for any help on this issue thanks again Matt P

2067. NRD 535D problems

Yahoo group: nrd-525-535
Date: 2009-09-13 06:06:13 UTC
From: mparkinson1
Topic: 2067 Message: 2067

Hi Folks
I am new to this group and I have a problem with my NRD 535d receiver.
I guessing I have a defective encoder for the frequency dial it doesn't work nor when I hook a scope up the plug I get 5 volts DC ok however I cannot see any pulse changes when turning the dial I see the encoder has a small dent in it so I am guessing it must have been damaged by some one else.
I knew the receiver had this problem from the get go my problem is finding a new encoder cannot get any response from JRC to help me buy or locate a part anyone have some suggestions as to what I can use as a OEM part.
They call this a magnetic encoder looked on line just not sure which one to buy this one has 2 outputs on ground and of couse the 5 volts input.
also I have another issue with the front board it seems to be very intermittent the led lights seem to go on when they are not suppose to if I flex the board a little the lights are off.
Other than that the receiver works very well you just have to manually tune the radio because the dial doesn't work.
Any help would be great on issue number one I think I can take care of issue 2 getting and finding parts seem to be a pain for this receiver.
Matt Parkinson Military Equipment & R 390A Depot Center

2068. Re: [nrd-525-535] NRD 535D

Yahoo group: nrd-525-535
Date: 2009-09-13 08:15:04 UTC
From: kkyahoo
Topic: 2051 Message: 2068

Jim,

I think that you are referring to the Lowe ECSS mod?

If so I definitely recommend it. I recently bought a Lowe 535 and was able to take out the modded ECSS board and try it in my standard 535. Very big improvement, particularly in relation to staying in lock during deep fades. I liked the performance so much I modded my standard ECSS board up to the Lowe standard.

73's Kevin G8LYV

----- Original Message -----
From: cstj23
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, September 08, 2009 10:44 PM
Subject: [nrd-525-535] NRD 535D

Hi to all members,

I have had my 535D for a week or so now and like the set. I have had many radios over the years and have ended up only keeping a few including some Collins and Drake receivers.
I was going to try the ECSS mod as well as the filter skirt tightening mod.Can anyone in the group who has done the ECSS mod tell me if it makes a real improvement over the stock circuit.

Regards,
Jim

2069. Re: NRD 535D problems

Yahoo group: nrd-525-535
Date: 2009-09-13 13:25:12 UTC
From: g3vvt@aol.com
Topic: 2067 Message: 2069

Hi Matt,

You fail to give your location to help in supplier information.

In the USA I understand Universal Radio were the agents and may be worth a contact with them. In the UK we no longer have Lowe Electronics who were the agents for many years and the JRC office in London was closed, though last I knew they had an office in Holland for Europe. Same for other countries, though now they no longer are in the amateur market with the last amateur receiver the NRD-545 now discontinued. There was a professional receiver at an extremely high price that appeared a few years back, but have lost trace of that now with the decline in HF usage.

The dial encoder you are talking about seems to be common with the NRD-525, JST-135 transceiver (which I have) and other manufacturers radios such as the Kenwood TS-870.

I have the Service Manual for the NRD-525 and this part is listed as PG1 Pulsemotor type RES20-50-200-B with a JRC code 5BPAF00004.

As you describe this is a 4 terminal device with +5VDC, ground and two pulse outputs to indicate direction of rotation. A similar part is used in my Elecraft K2 transceiver I built from a kit and a spare for this should be available from Elecraft in Aptos California: _http://www.elecraft.com_ (http://www.elecraft.com) .
In the UK Farnell did have a replacement with a similar pattern which a local amateur used to repair his Kenwood TS-870. Do not know if this is still available, but can check if you need.

So the dial encoder problem has a chance that it should be fixable, unlike the earlier NRD-515 which uses an optical encoder of much more serious complexity which could be difficult.

Regards,
Bob, G3VVT
Retired Aramco desert rat

2070. JRC NRD-535D Doofball feet and Synchronous-Detector . . .

Yahoo group: nrd-525-535
Date: 2009-09-13 14:08:12 UTC
From: m_shankman
Topic: 2070 Message: 2070

Greetings all,
Yesterday, I was about to install a coax plug into the antenna connector on the back of my NRD-535D when I noticed the coax connector on the radio was loose. Whoa! This will not stand! I immediately put a towel on the workbench, and delicately placed the radio on the bench for repair. I had to remove the top and bottom covers. (Four screws each.) Then I inspected the radio to see what next. I found I had to remove two additional screws holding the back panel onto the radio - located one each on the side-lips of the back-panel - half-way up from bottom to top. It was easy. But once the back had been loosened it was still not free. I had to remove two additional screws from the plastic HI-Z antenna connector. These screws held that connector onto the rear panel. Once free of the panel, the connector just remained dangling on its wires - but at least now the rear panel was free to moved away from the unit far enough for me to access the nut on the rear of the coax connector. I used a proper open end wrench to tighten it. And surprisingly, it took almost a complete turn! How it ever got that loose without me noticing it before still mystifies me. Anyway, it was a satisfying fix. But as I got ready to install back the bottom cover, I remembered that I had been having trouble keeping the plastic pins from falling out of holes that were supposed to keep the feet attached to the bottom of the radio. These feet had more than once fallen off as I was moving the radio. I always spent the patient time needed to carefully put the pins back in place and make sure that the radio was properly standing on its feet. I even hassled around trying to make the pins tighter ☐ but all to no avail. And I always knew that the setup was precarious at best, and that should I move the radio again, I would have to be vigilant about the feet dropping off. I think these feet are really kind of doofball ☐ especially for JRC. So, I decided to fix them once and for all. I found just the right hardware in my nut and bolt collection (no doubt salvaged from some earlier scrapped-out electronics unit.) ☐ Four metric stainless-steel screws! With matching washers, lock washers and nuts! Perfect size, perfect length! I pushed the old pins and old pin-keepers out of the feet and bottom cover and installed the new hardware. Beautiful! What a satisfying feeling knowing that the problem would never again plague me. The new screws tightened with a good hard feel, and I knew that those nuts would never loosen on their own! So, if others out there have experienced this doofball-feet-problem, think about performing my fix.

And now I would like to leave you with this thought/ observation;

ECSS

How many of you use ECSS?
On my Sony ICF-2010, the sync-detector is great. I have often amazed myself at just how well it performed. But on my JRC-535D I do not get that same satisfying sense. In fact, I can honestly say that I have NEVER listened to an AM station that I felt was improved by the use the Synchronous Detector! I know, I know, it's a sad commentary.
So, what do you other owners' find? Do you like the NRD-535D sync-detector or what? Do you think yours is working okay? Do you find it actually improves AM reception? I think I will do some tests and try to get to the bottom of this. I have recently also read a report on the internet by Dallas Lankford:
http://www.kongsfjord.no/dl/Audio/AM%20Synchronous%20Detector%20Experiences.pdf about sync-detectors in general. His claim is that a sync-detector's signal-fading prevention capability was often more hype than fact. And I'm not sure why this would be. But I really don't think the sync-detector on my JRC-535D is up to the task. Is it just my radio, or is it just an ill-performing design? I will try doing a side-by-side comparison with my Sony 2010 and report back.

In the mean time, I hope some of you will spend the time to listen to as many AM shortwave broadcasts as you can and do some experimenting with your sync-detector (ECSS). Let us all know what you find. How often is one side-band better as opposed to the other one? How about fading? Do you find that it helps?

Thanks all,
-Stan

2071. Boards for NRD 525

Yahoo group: nrd-525-535
Date: 2009-09-13 19:42:36 UTC
From: imtheone2001
Topic: 2071 Message: 2071

Guys,

There is a CMH-532 RS-232 board for sell on Ebay right now. I bid on it but it is going higher. I think the better deal is the 525 with the computer interface board from France on Ebay. I'm trying to get my friend to buy it because he doesn't have a 525 but wants one....he doesn't have the money right now.

M.

2072. Boards for NRD 525

Yahoo group: nrd-525-535
Date: 2009-09-13 19:42:36 UTC
From: imtheone2001
Topic: 2071 Message: 2072

Guys,

There is a CMH-532 RS-232 board for sell on Ebay right now. I bid on it but it is going higher. I think the better deal is the 525 with the computer interface board from France on Ebay. I'm trying to get my friend to buy it because he doesn't have a 525 but wants one....he doesn't have the money right now.

M.

2073. NRD 535D ECSS

Yahoo group: nrd-525-535
Date: 2009-09-13 20:37:12 UTC
From: ddsradio@juno.com
Topic: 2073 Message: 2073

Hi Everyone,

Since people in this group are talking about the ECSS losing lock, etc, let me ask: How much does it take for the ECSS to lose lock? This past weekend, I was listening to the Sri Lanka Broadcasting Corporation on 19 meters. This is one of their weaker xmtrs-- I think it's only about 35 kW. So, it fades a fair bit and it's usually a slow fade, like you sometimes get on MW.

Listened to the SLBC this past weekend for over an hour in ECSS, and despite the very deep fades, the ECSS did not lose lock.

Of course, since I purchased my 535D second hand, it's possible prior modifications were made.

Regarding audio: it's much crisper if you use LINE OUT to an amplified speaker, than EXT SPR output.

73s

David

_____
Best Weight Loss Program - Click Here!
http://thirdpartyoffers.juno.com/TGL2131/fc/BLSrjnsEGrHEcUVj7DEUu6OkF8eK8U2lBMwMQe5qiMuSgCaOqrNEhVEz5ok/

2074. Re: [nrd-525-535] NRD 535D ECSS

Yahoo group: nrd-525-535
Date: 2009-09-13 23:47:46 UTC
From: mparkinson1
Topic: 2073 Message: 2074

I am in the US can anyone tell me where to purchase parts for these receivers I have a NRD 535d and need a dial encoder and also even a front display board if possible.
An OEM encoder would work for me if I knew where to buy one.
Any help would be great.
Matt Parkinson Military Equipment & R 390A Depot Center

2075. Re: [nrd-525-535] NRD 535D ECSS

Yahoo group: nrd-525-535
Date: 2009-09-14 01:03:28 UTC
From: ddsradio@juno.com
Topic: 2073 Message: 2075

Hi,

Contact JRC directly in New York via this website: http://www.jrcamerica.com/

If the parts are available, they can help. I recently had a question about my 535D and found they were very helpful.

David

I am in the US can anyone tell me where to purchase parts for these receivers I have a NRD 535d and need a dial encoder and also even a front display board if possible.
An OEM encoder would work for me if I knew where to buy one.
Any help would be great.

Matt Parkinson Military Equipment & R 390A Depot Center

_____
Get your dream car or truck. Click here.
http://thirdpartyoffers.juno.com/TGL2131/fc/BLSrjnsJ3RVdVeWZvbuu0DKVV1shuKjeALUN2EK2bjzkI2PE7fTqdjzLgkQ/

2076. Synchronous-Detector vs ECSS

Yahoo group: nrd-525-535
Date: 2009-09-14 03:04:05 UTC
From: caladonia5560
Topic: 2070 Message: 2076

There has been some interesting discussion about the NRD-535D and ECSS, but I always thought ECSS was the technique of manually zero beating an AM signal using USB or LSB, which can be very useful when an interfering signal is present, and that Synchronous AM was the usual term for the automatic version of ECSS. Maybe JRC's terminology is a bit different?

I have a modified NRD-525 rather than the 535D, but have some observations about several other receivers with the Synchronous AM feature, some work much better than others. The Sony 2010 works very well as mentioned. A Grundig Satellite 700, OK after some internal adjustment, but not as good as the Sony. On the Lowe 225E, the AM Sync is excellent and greatly improves the fidelity of signals being received, but only works on the LSB side of the carrier. The AM Sync on the Icom R-75 was not effective until some Kiwa Electronics and other mods were made. It does work in a different way from the others, as the tuning can be offset up to about 2.3 KHz to one side or the other of center frequency and the Sync detector follows without losing lock.

I have also experimented with the zero beat method of ECSS with a Watkins Johnson WJ-8716 that has an independent sideband feature with separate audio outputs for USB and LSB. By connecting the two outputs to a stereo amplifier, a quite amazing and very listenable stereo effect results when an AM station is tuned-in exactly using the ISB mode with the USB and LSB audio going to separate speakers. The WJ-8716 is very stable receiver and it and a near twin the WJ-8718 are professional grade receivers that can often be found at a very reasonble price.

Les Layton
Las Vegas, NV

2077. Re: [nrd-525-535] Synchronous-Detector vs ECSS

Yahoo group: nrd-525-535
Date: 2009-09-14 03:20:54 UTC
From: Brian Denley
Topic: 2070 Message: 2077

Les:
The manual ECSS technique that you mention is often referred to just as 'ECSS' but in reality, ECSS is the same as a syncronous detection (commonly referred to here as a sync detector). You are correct that some sync detector are better than others. The one on my RX-350 works pretty well. The sideband selectable sync on the later model Drake SW8 and the R8B seem to get very high praise from users. Personally, I find the sync detector very useful for music. Manual ECSS is somewhat hard to use on music because it's difficult to hold the beat at zero.
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "caladonia5560" <caladonia5560@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, September 13, 2009 11:04 PM
Subject: [nrd-525-535] Synchronous-Detector vs ECSS

There has been some interesting discussion about the NRD-535D and ECSS, but I always thought ECSS was the technique of manually zero beating an AM signal using USB or LSB, which can be very useful when an interfering signal is present, and that Synchronous AM was the usual term for the automatic version of ECSS. Maybe JRC's terminology is a bit different?

I have a modified NRD-525 rather than the 535D, but have some observations about several other receivers with the Synchronous AM feature, some work much better than others. The Sony 2010 works very well as mentioned. A Grundig Satellite 700, OK after some internal adjustment, but not as good as the Sony. On the Lowe 225E, the AM Sync is excellent and greatly improves the fidelity of signals being received, but only works on the LSB side of the carrier. The AM Sync on the Icom R-75 was not effective until some Kiwa Electronics and other mods were made. It does work in a different way from the others, as the tuning can be offset up to about 2.3 KHz to one side or the other of center frequency and the Sync detector follows without losing lock.

I have also experimented with the zero beat method of ECSS with a Watkins Johnson WJ-8716 that has an independent sideband feature with separate audio outputs for USB and LSB. By connecting the two outputs to a stereo amplifier, a quite amazing and very listenable stereo effect results when an AM station is tuned-in exactly using the ISB mode with the USB and LSB audio going to separate speakers. The WJ-8716 is very stable receiver and it and a near twin the WJ-8718 are professional grade receivers that can often be found at a very reasonble price.

Les Layton
Las Vegas, NV

2078. Re: Boards for NRD 525

Yahoo group: nrd-525-535
Date: 2009-09-15 02:46:17 UTC
From: imtheone2001
Topic: 2071 Message: 2078

Just the French Board is back on Ebay..not with the radio

--- In nrd-525-535@yahoogroups.com, "imtheone2001" <imtheone2001@...> wrote:
>
> Guys,
>
> There is a CMH-532 RS-232 board for sell on Ebay right now. I bid on it but it is going higher. I think the better deal is the 525 with the computer interface board from France on Ebay. I'm trying to get my friend to buy it because he doesn't have a 525 but wants one....he doesn't have the money right now.
>
> M.
>

2079. New poll for nrd-525-535

Yahoo group: nrd-525-535
Date: 2009-09-15 02:51:17 UTC
From: nrd-525-535@yahoogroups.com
Topic: 1112 Message: 2079

Enter your vote today! A new poll has been created for the
nrd-525-535 group:

Does the ECSS on your JRC NRD-535D work the way you expect it to?
Do you find it actually helps when listening to certain AM stations?
What percentage of the time when you enable ECSS do you get satisfactory results?

Pick as many choices as is applicable.

o Yes! I love my ECSS! It is great!!
o Sometimes ECSS works well.
o Rarely have I ever found ECSS to give enhancing results.
o ECSS is almost worthless.
o I have never found ECSS to be of any help.
o I have used other radios with synchronous detectors and know what I?m talking about.
o My NRD-535D is the only radio I have ever owned that has ECSS or equivalent.
o I don?t know what ECSS is used for.
o I have an ECSS PLL ?locking mod? on my receiver.
o My radio is not modified and my ECSS seems to work well.

To vote, please visit the following web page:
http://groups.yahoo.com/group/nrd-525-535/surveys?id=2900880

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

2080. RXCommander

Yahoo group: nrd-525-535
Date: 2009-09-17 11:00:06 UTC
From: pietro
Topic: 2080 Message: 2080

Hello All,

just to let you know that I uploaded a new version of my remote control software for the JRC525 / JRC535 receivers.
It's just free and with a lot of good features.

You will find here: hb9rxc.tripod.com

Please let me know any suggestion, idea or request to implement new features !

Cheers Pietro HB9RXC

2081. Re: [nrd-525-535] RXCommander

Yahoo group: nrd-525-535
Date: 2009-09-17 20:09:56 UTC
From: Jack
Topic: 2080 Message: 2081

Pietro: Searched the Tripod website invane for your remote control
software. It might have been right in front of my nose though. J.T.
----- Original Message -----
From: "pietro" <pietro.bossi@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Thursday, September 17, 2009 6:00 AM
Subject: [nrd-525-535] RXCommander

> Hello All,
>
> just to let you know that I uploaded a new version of my remote control
> software for the JRC525 / JRC535 receivers.
> It's just free and with a lot of good features.
>
> You will find here: hb9rxc.tripod.com
>
> Please let me know any suggestion, idea or request to implement new
> features !
>
> Cheers Pietro HB9RXC
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

2082. RE: [nrd-525-535] RXCommander

Yahoo group: nrd-525-535
Date: 2009-09-17 20:20:00 UTC
From: Bill Carney
Topic: 2080 Message: 2082

http://hb9rxc.tripod.com/download/RXcommander/RXCommander.zip direct link

-----Original Message-----
From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of Jack
Sent: Thursday, September 17, 2009 4:10 PM
To: nrd-525-535@yahoogroups.com
Cc: n-o-w@...
Subject: Re: [nrd-525-535] RXCommander

Pietro: Searched the Tripod website invane for your remote control
software. It might have been right in front of my nose though. J.T.
----- Original Message -----
From: "pietro" <pietro.bossi@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Thursday, September 17, 2009 6:00 AM
Subject: [nrd-525-535] RXCommander

> Hello All,
>
> just to let you know that I uploaded a new version of my remote control
> software for the JRC525 / JRC535 receivers.
> It's just free and with a lot of good features.
>
> You will find here: hb9rxc.tripod.com
>
> Please let me know any suggestion, idea or request to implement new
> features !
>
> Cheers Pietro HB9RXC
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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Yahoo! Groups Links

2083. 525 RS-232 12-pin to db-25 cable

Yahoo group: nrd-525-535
Date: 2009-09-18 00:07:14 UTC
From: Marlin
Topic: 2083 Message: 2083

Does anyone have a 6ZCJD00140 (12-pin JRC to DB-25 RS-232 cable for sale) or where I can get the male 12-pin connector to make my own?

2084. looking for V/U converter boards

Yahoo group: nrd-525-535
Date: 2009-09-19 19:09:35 UTC
From: pietro
Topic: 2084 Message: 2084

Hello List,

Yes I know, they are very rare ... but why not to try ?

I am looking for a working CMK-165 V/U converter boards for the JRC525 receiver, or maybe a complete RX + converter. Price is "not" really very important, but please try to be honest !
If you are interested, please send private e-mail at hb9rxc@...

Have a good weekend !

Pietro

2085. SWL UTE/BC spot ??

Yahoo group: nrd-525-535
Date: 2009-09-21 14:14:48 UTC
From: pietro
Topic: 2085 Message: 2085

Hello List,

I would like to know if some kind of DX SPOT for utility / broadcast
type of emission do exist, like the amateur radio dx spot for fresh
informations about activity on LF/MF/HF bands.
It would be very interesting to implements this type of info/data
real-time exchange in my software projects.

Any info ?

cheers, Pietro HB9RXC

2086. Question for the group.

Yahoo group: nrd-525-535
Date: 2009-09-22 15:47:03 UTC
From: driftermick
Topic: 2086 Message: 2086

Hi guys.

this morning, 9.22.09, on ebay. something listed as a JRC "buzz box"? i googled this and got zip. went back to ebay and it was gone; must have sold fast. now, just what is it? looks to be a square box speaker, about 12 X 12". and maybe 3 to 5" thick. knob on top, 3 knobs on one side. stands up-right, 2 stand off brackets on bottom. the brackets are the same green as my NRD-93 enclosure. that's what caught my eye. i know JRC made nav aids, but, is this maybe a weather/ fax add on for a receiver? any info, anyone? i'm at a total loss on this. i guess i don't know as much about JRC as i thought did.

Drifter...

2087. Re: [nrd-525-535] Question for the group.

Yahoo group: nrd-525-535
Date: 2009-09-22 16:17:34 UTC
From: gandalfg8@aol.com
Topic: 2086 Message: 2087

In a message dated 22/09/2009 16:48:03 GMT Daylight Time,
driftermick@... writes:

this morning, 9.22.09, on ebay. something listed as a
JRC "buzz box"? i googled this and got zip. went back to
ebay and it was gone; must have sold fast. now, just what
is it? looks to be a square box speaker, about 12 X 12".
and maybe 3 to 5" thick. knob on top, 3 knobs on one side.
stands up-right, 2 stand off brackets on bottom. the
brackets are the same green as my NRD-93 enclosure. that's
what caught my eye. i know JRC made nav aids, but, is this
maybe a weather/ fax add on for a receiver? any info,
anyone? i'm at a total loss on this. i guess i don't know
as much about JRC as i thought did.

It's an Inmarsat Buzzer Box for use with Inmarsat satellite communications systems and, suprisingly enough:-), it sounds a buzzer when an incoming message is received.

So not really all that exiting from a normal radio point of view but if you really really want one, there's another four available at this Ebay auction:-).....220156703495

regards

Nigel
GM8PZR

2088. Re: Question for the group.

Yahoo group: nrd-525-535
Date: 2009-09-22 19:17:38 UTC
From: driftermick
Topic: 2086 Message: 2088

--- In nrd-525-535@yahoogroups.com, gandalfg8@... wrote:
>
>
> In a message dated 22/09/2009 16:48:03 GMT Daylight Time,
> driftermick@... writes:
>
> this morning, 9.22.09, on ebay. something listed as a
> JRC "buzz box"? i googled this and got zip. went back to
> ebay and it was gone; must have sold fast. now, just what
> is it? looks to be a square box speaker, about 12 X 12".
> and maybe 3 to 5" thick. knob on top, 3 knobs on one side.
> stands up-right, 2 stand off brackets on bottom. the
> brackets are the same green as my NRD-93 enclosure. that's
> what caught my eye. i know JRC made nav aids, but, is this
> maybe a weather/ fax add on for a receiver? any info,
> anyone? i'm at a total loss on this. i guess i don't know
> as much about JRC as i thought did.
>
>
> --------------------
> It's an Inmarsat Buzzer Box for use with Inmarsat satellite communications
> systems and, suprisingly enough:-), it sounds a buzzer when an incoming
> message is received.
>
> So not really all that exiting from a normal radio point of view but if
> you really really want one, there's another four available at this Ebay
> auction:-).....220156703495
>
> regards
>
> Nigel
> GM8PZR
>

Thank you Nigel. well, that answers that. your right, from a normal
radio point of view. i, would have no use for something like this.

thanks again.
Drifter...

2089. NRD-505 on eBay

Yahoo group: nrd-525-535
Date: 2009-09-27 21:53:02 UTC
From: PaulLannuier
Topic: 2089 Message: 2089

For those interested, my NRD-505 is up for auction on eBay.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=250504814357
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=250504814357>

73,
Paul WW2PT

2090. Re: 525 for spares

Yahoo group: nrd-525-535
Date: 2009-10-04 13:34:45 UTC
From: ballynafie
Topic: 1997 Message: 2090

Do you still have the 525 or have you got rid of it. I am looking for the front panel to get the rotary encoder from it. It does not matter if the panel is broken or not. How much do you want for it.

Many thanks

Ballynafie

2091. Re: 525 for spares

Yahoo group: nrd-525-535
Date: 2009-10-04 13:34:46 UTC
From: ballynafie
Topic: 1997 Message: 2091

Do you still have the 525 or have you got rid of it. I am looking for the front panel to get the rotary encoder from it. It does not matter if the panel is broken or not. How much do you want for it.

Many thanks

Ballynafie

2092. Wanted: Maintenance Extender card for NRD-535/535D . . .

Yahoo group: nrd-525-535
Date: 2009-10-09 10:40:19 UTC
From: m_shankman
Topic: 2092 Message: 2092

Wanted: Maintenance Extender card for NRD-535/535D . . .

Greetings,

Maintenance Extender card for NRD-535/535D - does anyone have one of these bad-boys for sale?
Or know where I might obtain one?

Thanks all,

Stan
email me: stantheman@...

2093. Re: Wanted: Maintenance Extender card for NRD-535/535D . . .

Yahoo group: nrd-525-535
Date: 2009-10-13 06:45:53 UTC
From: John
Topic: 2092 Message: 2093

Hi
These things are hard to come by.
If you are in Australia, I would be willing to loan both extender cards for a few months if you needed them that long.
Sorry I will not send them over seas.

Regards John

--- In nrd-525-535@yahoogroups.com, "m_shankman" <stantheman@...> wrote:
>
> Wanted: Maintenance Extender card for NRD-535/535D . . .
>
> Greetings,
>
> Maintenance Extender card for NRD-535/535D - does anyone have one of these bad-boys for sale?
> Or know where I might obtain one?
>
> Thanks all,
>
> Stan
> email me: stantheman@...
>

2094. Re: Wanted: Maintenance Extender card for NRD-535/535D . . .

Yahoo group: nrd-525-535
Date: 2009-10-15 07:45:22 UTC
From: m_shankman
Topic: 2092 Message: 2094

Thanks for the reply.
You say two extender boards?
Could you explain that?
I thought there would be only one extender needed for the boards.
Or does it take one board for each connector on a card, so that two extenders are needed?
Anyway, I will keep looking.
Thanks again,
- Stan

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Hi
> These things are hard to come by.
> If you are in Australia, I would be willing to loan both extender cards for a few months if you needed them that long.
> Sorry I will not send them over seas.
>
> Regards John
>
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> >
> > Wanted: Maintenance Extender card for NRD-535/535D . . .
> >
> > Greetings,
> >
> > Maintenance Extender card for NRD-535/535D - does anyone have one of these bad-boys for sale?
> > Or know where I might obtain one?
> >
> > Thanks all,
> >
> > Stan
> > email me: stantheman@
> >
>

2095. Re: Wanted: Maintenance Extender card for NRD-535/535D . . .

Yahoo group: nrd-525-535
Date: 2009-10-17 13:17:18 UTC
From: John
Topic: 2092 Message: 2095

Hi Stan

Yes, there are 2 cards.
One is for the CPU board, the second is used for all other boards.
I keep the common extender plugged into my empty RTTY module connectors.
That way it is always in the radio and not lost.

The cards would not be hard to reproduce, but have no idea where to get the connectors from.

Regards John

--- In nrd-525-535@yahoogroups.com, "m_shankman" <stantheman@...> wrote:
>
> Thanks for the reply.
> You say two extender boards?
> Could you explain that?
> I thought there would be only one extender needed for the boards.
> Or does it take one board for each connector on a card, so that two extenders are needed?
> Anyway, I will keep looking.
> Thanks again,
> - Stan
>
>
> --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> >
> > Hi
> > These things are hard to come by.
> > If you are in Australia, I would be willing to loan both extender cards for a few months if you needed them that long.
> > Sorry I will not send them over seas.
> >
> > Regards John
> >
> > --- In nrd-525-535@...m, "m_shankman" <stantheman@> wrote:
> > >
> > > Wanted: Maintenance Extender card for NRD-535/535D . . .
> > >
> > > Greetings,
> > >
> > > Maintenance Extender card for NRD-535/535D - does anyone have one of these bad-boys for sale?
> > > Or know where I might obtain one?
> > >
> > > Thanks all,
> > >

> > > Stan
> > > email me: stantheman@
> > >
> >
>

2096. Re: Wanted: Maintenance Extender card for NRD-535/535D . . .

Yahoo group: nrd-525-535
Date: 2009-10-18 02:13:24 UTC
From: m_shankman
Topic: 2092 Message: 2096

Thanks for the information. I was unaware that the receiver required two different types of extender boards. The next time I have the radio apart, I will be sure to check the CPU slot to see what the difference is. But for now, all I really need is the "normal" extender card. I don't need a CPU extender. So, if anyone has one for sale, or knows where one may be obtained, I would appreciate hearing about it.
Thanks,
- Stan
stantheman at VISI.com
--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Hi Stan
>
> Yes, there are 2 cards.
> One is for the CPU board, the second is used for all other boards.
> I keep the common extender plugged into my empty RTTY module connectors.
> That way it is always in the radio and not lost.
>
> The cards would not be hard to reproduce, but have no idea where to get the connectors from.
>
> Regards John
>
>
> --- In nrd-525-535@yahoogroups.com, "m_shankman" <stantheman@> wrote:
> >
> > Thanks for the reply.
> > You say two extender boards?
> > Could you explain that?
> > I thought there would be only one extender needed for the boards.
> > Or does it take one board for each connector on a card, so that two extenders are needed?
> > Anyway, I will keep looking.
> > Thanks again,
> > - Stan
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> > >
> > > Hi
> > > These things are hard to come by.
> > > If you are in Australia, I would be willing to loan both extender cards for a few months if you needed them that long.
> > > Sorry I will not send them over seas.
> > >
> > > Regards John

> > >
> > > --- In nrd-525-535@yahoogroups.com, "m_shankman" <stantheman@> wrote:
> > > >
> > > > Wanted: Maintenance Extender card for NRD-535/535D . . .
> > > >
> > > > Greetings,
> > > >
> > > > Maintenance Extender card for NRD-535/535D - does anyone have one of these bad-boys for sale?
> > > > Or know where I might obtain one?
> > > >
> > > > Thanks all,
> > > >
> > > > Stan
> > > > email me: stantheman@
> > > >
> > >
> > >
>

2097. RXCommander New version

Yahoo group: nrd-525-535
Date: 2009-10-18 08:41:01 UTC
From: pietro
Topic: 2097 Message: 2097

Hallo List !

You can download a new version of RXCommander control software from hb9rxc.tripod.com (then select Amateur).

- New Spotter tab to enable real time reception of amateur radio dx-spotter informations (see ini file)
- New look and feel of some controls
- Minor bugs fixed
- Please install only new fresh version, old database structure is not longer compatible.

Have a look, it's simple, powerfull and completely free !

If you like it, please just send me an aknoledgement !

Cheers, Pietro HB9RXC

2098. Problems interfacing the NRD-535D to PC

Yahoo group: nrd-525-535
Date: 2009-10-20 23:30:26 UTC
From: SMS_1947
Topic: 2098 Message: 2098

I'm using RxPlus software with the correct serial interface cable (supplied by Univarsal Radio) but the Rx and computer fail to connect. Are there any additional controls that need to set? Any help or advice will be appreciated.

TIA
Margetts

2099. Re: [nrd-525-535] Problems interfacing the NRD-535D to PC

Yahoo group: nrd-525-535
Date: 2009-10-21 04:52:32 UTC
From: Ron van Mierlo
Topic: 2098 Message: 2099

Have you checked the settings for the connection in the program like the used port, baud rate, stop bits, parity etc.?

Ron SM6WHN/PE2RVM

SMS_1947 wrote:
> I'm using RxPlus software with the correct serial interface cable (supplied by Univarsal Radio) but the Rx and computer fail to connect. Are there any additional controls that need to set? Any help or advice will be appreciated.
>
> TIA
> Margetts

2100. Re: [nrd-525-535] Problems interfacing the NRD-535D to PC

Yahoo group: nrd-525-535
Date: 2009-10-22 02:21:03 UTC
From: Brian Denley
Topic: 2098 Message: 2100

Check to see that your cable is a null modem type (even if Universal radio recomended it). If it's not, it won't work.
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Ron van Mierlo" <ron-eefje@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, October 21, 2009 12:52 AM
Subject: Re: [nrd-525-535] Problems interfacing the NRD-535D to PC

> Have you checked the settings for the connection in the program like the
> used port, baud rate, stop bits, parity etc.?
>
> Ron SM6WHN/PE2RVM
>
> SMS_1947 wrote:
>> I'm using RxPlus software with the correct serial interface cable
>> (supplied by Univarsal Radio) but the Rx and computer fail to connect.
>> Are there any additional controls that need to set? Any help or advice
>> will be appreciated.
>>
>> TIA
>> Margetts
>

2101. Re: [nrd-525-535] Problems interfacing the NRD-535D to PC

Yahoo group: nrd-525-535
Date: 2009-10-22 06:30:54 UTC
From: Charles B
Topic: 2098 Message: 2101

Brian,

Do you think Universal would make such a mistake as not sending
a null modem type cable?

Anyway, if it's not a null modem cable,
Mr. Margetts can just purchase a Null
Modem attachment from
Radio Shack for less than 10 dollars. Thats
what I use.

Chuck

----- Original Message -----
From: Brian Denley
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, October 21, 2009 22:21
Subject: Re: [nrd-525-535] Problems interfacing the NRD-535D to PC

Check to see that your cable is a null modem type (even if Universal radio
recomended it). If it's not, it won't work.
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Ron van Mierlo" <ron-eefje@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, October 21, 2009 12:52 AM
Subject: Re: [nrd-525-535] Problems interfacing the NRD-535D to PC

> Have you checked the settings for the connection in the program like the
> used port, baud rate, stop bits, parity etc.?
>
> Ron SM6WHN/PE2RVM
>
> SMS_1947 wrote:
>> I'm using RxPlus software with the correct serial interface cable
>> (supplied by Univarsal Radio) but the Rx and computer fail to connect.
>> Are there any additional controls that need to set? Any help or advice
>> will be appreciated.
>>
>> TIA
>> Margetts
>

2102. Re: [nrd-525-535] Problems interfacing the NRD-535D to PC

Yahoo group: nrd-525-535
Date: 2009-10-23 01:17:31 UTC
From: Brian Denley
Topic: 2098 Message: 2102

Chuck:
I have had very good experiences working with Universal but it never hurts
to check. A null modem cable is always marked as such. And you're right:
if it's not a null modem cable, he can buy the adaptor. Good suggestion.
Brian
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Charles B" <ka4prf@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Thursday, October 22, 2009 2:30 AM
Subject: Re: [nrd-525-535] Problems interfacing the NRD-535D to PC

Brian,

Do you think Universal would make such a mistake as not sending
a null modem type cable?

Anyway, if it's not a null modem cable,
Mr. Margetts can just purchase a Null
Modem attachment from
Radio Shack for less than 10 dollars. Thats
what I use.

Chuck

----- Original Message -----
From: Brian Denley
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, October 21, 2009 22:21
Subject: Re: [nrd-525-535] Problems interfacing the NRD-535D to PC

Check to see that your cable is a null modem type (even if Universal
radio
recomended it). If it's not, it won't work.
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Ron van Mierlo" <ron-eefje@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, October 21, 2009 12:52 AM
Subject: Re: [nrd-525-535] Problems interfacing the NRD-535D to PC

> Have you checked the settings for the connection in the program like the
> used port, baud rate, stop bits, parity etc.?
>

> Ron SM6WHN/PE2RVM
>
> SMS_1947 wrote:
>> I'm using RxPlus software with the correct serial interface cable
>> (supplied by Univarsal Radio) but the Rx and computer fail to connect.
>> Are there any additional controls that need to set? Any help or advice
>> will be appreciated.
>>
>> TIA
>> Margetts
>

2103. NRD-535D

Yahoo group: nrd-525-535
Date: 2009-10-26 18:22:07 UTC
From: sal11704
Topic: 1360 Message: 2103

I have a JRC NRD-535D in excellent condition that I am considering selling. All functions work as they should. I would only be interested in a ConUSA sale. Although I have not fully made up my mind to sell it I was curious if there was any interest out there? I would want $1100 shipped.

Sal

2104. NRD-515 erratic operation

Yahoo group: nrd-525-535
Date: 2009-10-26 23:41:44 UTC
From: on5py
Topic: 2104 Message: 2104

Hi group,

I have bought a JRC NRD-515 coming from a heavy smoker's home.

The display works OK and follows the MHz and kHz tuning controls.

But the unit has a very strange behaviour, even after spraying the MHz switch and other controls I could reach with some CRC.

Upper working frequency limit with the MHz control is 9, you go to 10 and the set is silent. On the working MHz below 10, the set becomes silent when going past around 110 kHz with the main tuning, and becomes alive when reaching around 850 kHz. The VCOs are correctly switched by the MHz knob. The VCO tuning voltage varies smoothly when the set is working and jumps to its maximum when the Rx is silent. Unlock LED for Loop 1 goes from dark (set working), then illuminates faintly when reaching the limits I've told before, then goes full on when the set is silent.

I went to take the synthesizer board out of the set, cleaned the solder side with hot water, some kitchen liquid detergent and a drop of ammonia. Water was dark brown after this treatment. I let the board drying for half a day and when put in the set again it worked about ten minutes as it should, then went to fantasies again.

Beside that, SSB sensitivity is about 2-3 S-meter points below AM. I suspect the Kokusai 455 kHz filter.

Any ideas or a good link to find a service manual to learn more ???

Thanks for looking and helping !

73's - Daniel, ON5PY

2105. NRD-535D for sale

Yahoo group: nrd-525-535
Date: 2009-10-28 03:09:34 UTC
From: sal11704
Topic: 2105 Message: 2105

For Sale on eBay (Buy-It_Now) my JRC NRD-535D for $998. I will only ship to a conUSA address.

http://cgi.ebay.com/JRC-NRD-535D-SW-Receiver-General-Coverage-Radio_W0QQ\itemZ320441471489QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item4a9bccd2\01
<http://cgi.ebay.com/JRC-NRD-535D-SW-Receiver-General-Coverage-Radio_W0Q\QitemZ320441471489QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item4a9bccd\201>

Thanks,

Sal

2106. Re: [nrd-525-535] NRD-535D for sale

Yahoo group: nrd-525-535
Date: 2009-10-28 03:20:28 UTC
From: mparkinson1
Topic: 2105 Message: 2106

Ya I see it up there
Crap the only problem is I have one and order a front panel for it and encoder 450.00 from JRC and I paid 650.00 for a broken receiver on ebay of couse I knew it had issue but not 450.00 dollars more.
I could have had yours for the same price. I was tempted to buy your and sell mine for parts but might take an even lose.
Matt Parkinson Military Equipment & R 390A Depot Center

2107. NRD-515 erratic operation

Yahoo group: nrd-525-535
Date: 2009-10-28 05:56:30 UTC
From: g3vvt@aol.com
Topic: 2104 Message: 2107

Hi Daniel,

The band switching on this radio is controlled by diode switches that are under the control of a BCD to decimal decoder with the MHz control being a BCD type switch. The band switching is done in groups of MHz as the bandpass filters cover more than one of the MHz switching positions, particularly so the higher you go in frequency. The bandpass filters above LF are : 1.6 - 3.0, 3.0 - 5.1, 5.1 -9.0, 9.0 - 17.0 and 17.0 - 30.0MHz.

In the past I repaired an NRD-515 that had been affected by a nearby lightning strike and unfortunately the protection diodes at the RX front end had been removed with probably disastrous consequences!
Was a matter of going from band to band and find out what switching voltages are missing from the front end bandpass RF filters. I ended up replacing the two U310 mixer FET, most of the switching diodes and the SN7445N BCD to decimal decoder, which being TTL was getting difficult to source. The radio is quite good to work on as the sections are isolated by link plugs which allow testing of individual sections. Again in your case it could also be the synthesiser drive is missing on some bands. The radio up converts using local oscillator drive 70.455MHz above the receive frequency, then down converts to 455kHz using a second mixer with a 70.000MHz oscillator.

Understand some types of the Kokusai mechanical filters can eventually fail due to the foam damping inside perishing even though the filters are sealed. The original filters are long obsolete, though it may be possible to adapt another type of filter as long as the BFO injection points work out in the correct place. A test with a stable signal generator would prove if there is an excessive loss in the SSB mode. The S meter usually works out at 50uV PD for S9 at the nominal 7MHz test frequency and in the SSB mode at about a 1kHz offset from the carrier point. The passband of the Kokusai filter can be checked using a noise generator and available software in conjunction with a PC. This may give clues if there is a problem in the filter as the response is normally fairly smooth between the cut off points.

I still have my own NRD-515 together with the much rarer NSD-515 TX in daily use.

Please contact me direct regarding the repair as I need to get my spluttering and ageing brain into gear to consult the circuit information to give better advice on what I did at the time.

Regards,
Bob, G3VVT

2108. Re: NRD-535D for sale

Yahoo group: nrd-525-535
Date: 2009-10-28 12:02:57 UTC
From: sal11704
Topic: 2105 Message: 2108

I lowered the price to $975, there are some scratches on the LCD lens that can be seen when the unit is off and a light is reflected on it. It does not in anyway affect the visability of the LCD panel.

Also. the serial number is 67XXX.

Sal

--- In nrd-525-535@yahoogroups.com, "sal11704" <sal11704@...> wrote:
>
>
> For Sale on eBay (Buy-It_Now) my JRC NRD-535D for $998. I will only
> ship to a conUSA address.
>
> http://cgi.ebay.com/JRC-NRD-535D-SW-Receiver-General-Coverage-Radio_W0QQ\
> itemZ320441471489QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item4a9bccd2\
> 01
> <http://cgi.ebay.com/JRC-NRD-535D-SW-Receiver-General-Coverage-Radio_W0Q\
> QitemZ320441471489QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item4a9bccd\
> 201>
>
> Thanks,
>
> Sal
>

2109. Re: NRD-535D for sale

Yahoo group: nrd-525-535
Date: 2009-10-28 17:49:10 UTC
From: sal11704
Topic: 2105 Message: 2109

Price now $950.

--- In nrd-525-535@yahoogroups.com, "sal11704" <sal11704@...> wrote:
>
> I lowered the price to $975, there are some scratches on the LCD lens that can be seen when the unit is off and a light is reflected on it. It does not in anyway affect the visability of the LCD panel.
>
> Also. the serial number is 67XXX.
>
> Sal
>
>
> --- In nrd-525-535@yahoogroups.com, "sal11704" <sal11704@> wrote:
> >
> >
> > For Sale on eBay (Buy-It_Now) my JRC NRD-535D for $998. I will only
> > ship to a conUSA address.
> >
> > http://cgi.ebay.com/JRC-NRD-535D-SW-Receiver-General-Coverage-Radio_W0QQ\
> > itemZ320441471489QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item4a9bccd2\
> > 01
> > <http://cgi.ebay.com/JRC-NRD-535D-SW-Receiver-General-Coverage-Radio_W0Q\
> > QitemZ320441471489QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item4a9bccd\
> > 201>
> >
> > Thanks,
> >
> > Sal
> >
>

2110. Re: NRD-535D for sale

Yahoo group: nrd-525-535
Date: 2009-10-28 23:14:34 UTC
From: sal11704
Topic: 2105 Message: 2110

I posted some new photos.

http://cgi.ebay.com/JRC-NRD-535D-SW-Receiver-General-Coverage-Radio_W0QQ\
itemZ320441471489QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item4a9bccd2\
01
<http://cgi.ebay.com/JRC-NRD-535D-SW-Receiver-General-Coverage-Radio_W0Q\
QitemZ320441471489QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item4a9bccd\
201>

--- In nrd-525-535@yahoogroups.com, "sal11704" <sal11704@...> wrote:
>
> Price now $950.
>
> --- In nrd-525-535@yahoogroups.com, "sal11704" sal11704@ wrote:
> >
> > I lowered the price to $975, there are some scratches on the LCD
lens that can be seen when the unit is off and a light is reflected on
it. It does not in anyway affect the visability of the LCD panel.
> >
> > Also. the serial number is 67XXX.
> >
> > Sal
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "sal11704" <sal11704@> wrote:
> > >
> > >
> > > For Sale on eBay (Buy-It_Now) my JRC NRD-535D for $998. I will
only
> > > ship to a conUSA address.
> > >
> > >
http://cgi.ebay.com/JRC-NRD-535D-SW-Receiver-General-Coverage-Radio_W0QQ\
\
> > >
itemZ320441471489QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item4a9bccd2\
\
> > > 01
> > >
<http://cgi.ebay.com/JRC-NRD-535D-SW-Receiver-General-Coverage-Radio_W0Q\
\
> > >
QitemZ320441471489QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item4a9bccd\
\
> > > 201>

> > >
> > > Thanks,
> > >
> > > Sal
> > >
> >
>

2111. Re: NRD-515 erratic operation

Yahoo group: nrd-525-535
Date: 2009-11-22 10:35:57 UTC
From: eschurman
Topic: 2104 Message: 2111

service manual available at http://www.mods.dk/manual.php

--- In nrd-525-535@yahoogroups.com, "on5py" <ON5PY1967@...> wrote:
>
> Hi group,
>
> I have bought a JRC NRD-515 coming from a heavy smoker's home.
>
> The display works OK and follows the MHz and kHz tuning controls.
>
> But the unit has a very strange behaviour, even after spraying the MHz switch and other controls I could reach with some CRC.
>
> Upper working frequency limit with the MHz control is 9, you go to 10 and the set is silent. On the working MHz below 10, the set becomes silent when going past around 110 kHz with the main tuning, and becomes alive when reaching around 850 kHz. The VCOs are correctly switched by the MHz knob. The VCO tuning voltage varies smoothly when the set is working and jumps to its maximum when the Rx is silent. Unlock LED for Loop 1 goes from dark (set working), then illuminates faintly when reaching the limits I've told before, then goes full on when the set is silent.
>
> I went to take the synthesizer board out of the set, cleaned the solder side with hot water, some kitchen liquid detergent and a drop of ammonia. Water was dark brown after this treatment. I let the board drying for half a day and when put in the set again it worked about ten minutes as it should, then went to fantasies again.
>
> Beside that, SSB sensitivity is about 2-3 S-meter points below AM. I suspect the Kokusai 455 kHz filter.
>
> Any ideas or a good link to find a service manual to learn more ???
>
> Thanks for looking and helping !
>
> 73's - Daniel, ON5PY
>

2112. Bought JRC NRD-525, power issue

Yahoo group: nrd-525-535
Date: 2009-11-22 10:41:57 UTC
From: eschurman
Topic: 2112 Message: 2112

Well I only paid 125 US for it and it does work. However I noticed that sometimes the power goes down when pushing one of the buttons. I don't know yet if there is a relationship. After it goes down, mostly the freq button led is only on sometimes a few display items. I switch off and on and it works for a while, till the next cut.

I will need more time to investigate but maybe somebody has seen it before?

Ed

2113. Re: [nrd-525-535] Re: NRD-515 erratic operation

Yahoo group: nrd-525-535
Date: 2009-11-22 12:25:29 UTC
From: Daniel TOESCA
Topic: 2104 Message: 2113

Hi & thanks for the tip, but the manual available there is the user's manual
- no data available on testing or alignment of the set.

I have received a copy of the service manual from another fellow.

My rx is not fixed yet, I'll post what I'm going to find.

Thanks again & 73's - Daniel

2009/11/22, eschurman <eschurman@...>:
>
>
>
> service manual available at http://www.mods.dk/manual.php
>
> --- In nrd-525-535@yahoogroups.com <nrd-525-535%40yahoogroups.com>,
> "on5py" <ON5PY1967@...> wrote:
> >
> > Hi group,
> >
> > I have bought a JRC NRD-515 coming from a heavy smoker's home.
> >
> > The display works OK and follows the MHz and kHz tuning controls.
> >
> > But the unit has a very strange behaviour, even after spraying the MHz
> switch and other controls I could reach with some CRC.
> >
> > Upper working frequency limit with the MHz control is 9, you go to 10 and
> the set is silent. On the working MHz below 10, the set becomes silent when
> going past around 110 kHz with the main tuning, and becomes alive when
> reaching around 850 kHz. The VCOs are correctly switched by the MHz knob.
> The VCO tuning voltage varies smoothly when the set is working and jumps to
> its maximum when the Rx is silent. Unlock LED for Loop 1 goes from dark (
> set working), then illuminates faintly when reaching the limits I've told
> before, then goes full on when the set is silent.
> >
> > I went to take the synthesizer board out of the set, cleaned the solder
> side with hot water, some kitchen liquid detergent and a drop of ammonia.
> Water was dark brown after this treatment. I let the board drying for half a
> day and when put in the set again it worked about ten minutes as it should,
> then went to fantasies again.
> >
> > Beside that, SSB sensitivity is about 2-3 S-meter points below AM. I
> suspect the Kokusai 455 kHz filter.
> >
> > Any ideas or a good link to find a service manual to learn more ???

> >
> > Thanks for looking and helping !
> >
> > 73's - Daniel, ON5PY
> >
>
>
>

2114. Re: [nrd-525-535] Re: NRD-515 erratic operation

Yahoo group: nrd-525-535
Date: 2009-11-22 12:47:16 UTC
From: gandalfg8@aol.com
Topic: 2104 Message: 2114

In a message dated 22/11/2009 12:25:53 GMT Standard Time,
ON5PY1967@... writes:

I have received a copy of the service manual from another fellow.

My rx is not fixed yet, I'll post what I'm going to find.

Hi Daniel

If you could provide a copy of the service manual, perhaps upload it to the
group files section, that would be much appreciated.

regards

Nigel
GM8PZR

2115. Re: [nrd-525-535] Re: NRD-515 erratic operation

Yahoo group: nrd-525-535
Date: 2009-11-22 13:11:22 UTC
From: ed schurm
Topic: 2104 Message: 2115

is it possible to get this copy from you. I hope it is pdf.

They say I believe in conspiracies, I don't believe that!

--- On Sun, 11/22/09, Daniel TOESCA <ON5PY1967@...> wrote:

From: Daniel TOESCA <ON5PY1967@...M>
Subject: Re: [nrd-525-535] Re: NRD-515 erratic operation
To: nrd-525-535@yahoogroups.com
Date: Sunday, November 22, 2009, 3:25 PM

Hi & thanks for the tip, but the manual available there is the user's manual - no data available on testing or alignment of the set.

I have received a copy of the service manual from another fellow.

My rx is not fixed yet, I'll post what I'm going to find.

Thanks again & 73's - Daniel

2009/11/22, eschurman <eschurman@yahoo. com>:

service manual available at http://www.mods. dk/manual. php

--- In nrd-525-535@ yahoogroups. com, "on5py" <ON5PY1967@.. .> wrote:

>
> Hi group,
>
> I have bought a JRC NRD-515 coming from a heavy smoker's home.
>
> The display works OK and follows the MHz and kHz tuning controls.
>
> But the unit has a very strange behaviour, even after spraying the MHz switch and other controls I could reach with some CRC.

>
> Upper working frequency limit with the MHz control is 9, you go to 10 and the set is silent. On the working MHz below 10, the set becomes silent when going past around 110 kHz with the main tuning, and becomes alive when reaching around 850 kHz. The VCOs are correctly switched by the MHz knob. The VCO tuning voltage varies smoothly when the set is working and jumps to its maximum when the Rx is silent. Unlock LED for Loop 1 goes from dark (set working), then illuminates faintly when reaching the limits I've told before, then goes full on when the set is silent.

>
> I went to take the synthesizer board out of the set, cleaned the solder side with hot water, some kitchen liquid detergent and a drop of ammonia. Water was dark brown after this

treatment. I let the board drying for half a day and when put in the set again it worked about ten minutes as it should, then went to fantasies again.

>
> Beside that, SSB sensitivity is about 2-3 S-meter points below AM. I suspect the Kokusai 455 kHz filter.
>
> Any ideas or a good link to find a service manual to learn more ???
>
> Thanks for looking and helping !

>
> 73's - Daniel, ON5PY
>

2116. Cleaning

Yahoo group: nrd-525-535
Date: 2009-12-04 14:42:55 UTC
From: ka4prf@peoplepc.com
Topic: 2116 Message: 2116

Hi Friends,

I have a NRD525 that's been beat-up from use and needs a good cleaning
an alignment. Does any of you guys know of a good and in expensive
individual that does this kind of work? The RF, volume and other controls
need cleaning too.

Thanks for your help

Chuck Bolland
ka4prf@...

2117. FS: NRD-535D

Yahoo group: nrd-525-535
Date: 2009-12-07 23:22:29 UTC
From: asmagal2003
Topic: 2037 Message: 2117

I want to sell my NRD-535D receiver. Can send photos and further info if you are sincerely interested. I am in Portugal.Please contact me off the list. Thanks.

2118. WTB: Bandwidth Control CFL 243

Yahoo group: nrd-525-535
Date: 2009-12-31 22:09:01 UTC
From: muanait
Topic: 2118 Message: 2118

Hi to all members,

I'm looking to buy a CFL 243 BWC for my 535.
If you have one for sale please let me know.

Wishing all group members a Very Happy New Year for 2010.

Batt (Ireland)

2119. NRD-525 Parts

Yahoo group: nrd-525-535
Date: 2010-01-01 18:57:34 UTC
From: John Reed
Topic: 2119 Message: 2119

I picked up an NRD-525 some time ago that must have been in a fire or underwater (?). It had been repainted and none of the buttons worked reliably. I replaced all 33 of the buttons (Omron B3F series) and that fixed this problem. Now at least I can use the receiver. The next problem is the front panel pots. Several of them are really scratchy. I can try using Caig on them, but if that doesn't help, I will try to replace them. I haven't found these pots yet in any of the normal outlets. Does anybody know who made them and where I might be able to find replacements? They are not a normal design and will need exact replacements to fit correctly.

John Reed, KA5QEP

2120. WTB: NVA 515

Yahoo group: nrd-525-535
Date: 2010-01-02 15:01:45 UTC
From: raysdz@juno.com
Topic: 2120 Message: 2120
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

2121. NRD-525, your opinion, please

Yahoo group: nrd-525-535
Date: 2010-01-21 07:25:25 UTC
From: pietro
Topic: 2121 Message: 2121

Hello List,

Well, I did it ! I found and bougth the famous (infamous ??) converter for my JRC-525. Put it inside and worked at first try ! wowww

After testing fo a couple of evening, with various antenna (vhf-discone, 50MHz J-Pole, long-wire, etc), these are my "first" impressions:

- generally lot of "birdies", frequency images and noises
- good sensitivity
- poor audio quality (AM + FM) on VHF, air-band, ham-repeater, etc
- the audio quality should not be related with the converter, but I was more satisfied when I used the HF part only... uhmmmmm
- tuning is hard, how many dial turns to change few KHz ??

- Quite satisfied with 50MHz / USB, I receive just a beacon (50.017) S4/S5, but seem ok (compared with a SDR-receiver). Waiting for a better propagation and to install the J-Pole up on the roof.

Being an electronic engineer and having the necessary test equipment, I will spend some time checking and measuring it more professionally.

I wonder what are the opinions of other user ?

Many thank, Pietro / hb9rxc

2122. Re: [nrd-525-535] NRD-525, your opinion, please

Yahoo group: nrd-525-535
Date: 2010-01-21 07:46:28 UTC
From: casy_ch@tbwil.ch
Topic: 2121 Message: 2122

Hello Pietro

Wowww!! I am glad that you reported your first experience with the NRD UHF converter.

There was one recently on an auction (for approx. US$400 !!) and I was asking myself if I would not buy it for my NRD-545. You seem to confirm I was right not buying it.
73
Jean-Claude, HE9SRI

----- Original Message -----
From: pietro
To: nrd-525-535@...m
Sent: Thursday, January 21, 2010 8:25 AM
Subject: [nrd-525-535] NRD-525, your opinion, please

Hello List,

Well, I did it ! I found and bougth the famous (infamous ??) converter for my JRC-525. Put it inside and worked at first try ! wowww

After testing fo a couple of evening, with various antenna (vhf-discone, 50MHz J-Pole, long-wire, etc), these are my "first" impressions:

- generally lot of "birdies", frequency images and noises
- good sensitivity
- poor audio quality (AM + FM) on VHF, air-band, ham-repeater, etc
- the audio quality should not be related with the converter, but I was more satisfied when I used the HF part only... uhmmmmm
- tuning is hard, how many dial turns to change few KHz ??

- Quite satisfied with 50MHz / USB, I receive just a beacon (50.017) S4/S5, but seem ok (compared with a SDR-receiver). Waiting for a better propagation and to install the J-Pole up on the roof.

Being an electronic engineer and having the necessary test equipment, I will spend some time checking and measuring it more professionally.

I wonder what are the opinions of other user ?

Many thank, Pietro / hb9rxc

2123. AW: Re: [nrd-525-535] NRD-525, your opinion, please

Yahoo group: nrd-525-535
Date: 2010-01-21 08:26:33 UTC
From: pietro.bossi@bluewin.ch
Topic: 2121 Message: 2123

Hi Jean-Claude,

good morning, nice to meet you ! My post is about a CMK-165 converter for the JRC NRD-525 receiver.
I don't know how the UHF (up to 2GHz !!) converter for the JRC NRD-545 will perform
.....

Googling here and there, I begun to understand that JRC is top-quality HF receiver, but in VHF/UHF (with converter)
they perform not so good.....

I hope to receive other suggestions.....

So, before spend 400$ for your UHF converter, it's better to give it a real-life try !!!

73' Pietro / hb9rxc / jn45lu / Mendrisio

----Messaggio originale----

Da: casy_ch@...

Data: 21.01.2010 8.46

A: <nrd-525-535@yahoogroups.com>

Oggetto: Re: [nrd-525-535] NRD-525, your opinion, please

Hello Pietro

Wowww!! I am glad that you reported your first experience with the NRD UHF converter.

There was one recently on an auction (for approx. US$400 !!) and I was asking myself if I would not buy it for my NRD-
545. You seem to confirm I was right not buying it.

73

Jean-Claude, HE9SRI

----- Original Message -----

From: pietro

To: nrd-525-535@yahoogroups.com

Sent: Thursday, January 21, 2010 8:25 AM

Subject: [nrd-525-535] NRD-525, your opinion, please

Hello List,

Well, I did it ! I found and bougth the famous (infamous ??) converter for my JRC-525. Put it inside and worked at
first try ! wowww

After testing fo a couple of evening, with various antenna (vhf-discone, 50MHz J-Pole, long-wire, etc), these are my
"first" impressions:

- generally lot of "birdies", frequency images and noises

- good sensitivity

- poor audio quality (AM + FM) on VHF, air-band, ham-repeater, etc

- the audio quality should not be related with the converter, but I was more satisfied when I used the HF part
only... uhmmmmm

- tuning is hard, how many dial turns to change few KHz ??

- Quite satisfied with 50MHz / USB, I receive just a beacon (50.017) S4/S5, but seem ok (compared with a SDR-
receiver). Waiting for a better propagation and to install the J-Pole up on the roof.

Being an electronic engineer and having the necessary test equipment, I will spend some time checking and measuring
it more professionally.

I wonder what are the opinions of other user ?

Many thank, Pietro / hb9rxc

2124. Re: AW: Re: [nrd-525-535] NRD-525, your opinion, please

Yahoo group: nrd-525-535
Date: 2010-01-21 16:55:33 UTC
From: Ron van Mierlo
Topic: 2121 Message: 2124

Hi,

What about a Yaesu FRG-9600 in stead? That way you will even be able to receive TV as well.....
With mods applied reception from 20MHz to 920Mhz would be possible.
However, these days the FRG-9600 will be hard to find!

Ron
SM6WHN/PE2RVM

pietro.bossi@... wrote:
> Hi Jean-Claude,
>
> good morning, nice to meet you ! My post is about a CMK-165 converter for the JRC NRD-525 receiver.
> I don't know how the UHF (up to 2GHz !!) converter for the JRC NRD-545 will perform .....
>
> Googling here and there, I begun to understand that JRC is top-quality HF receiver, but in VHF/UHF (with converter)
> they perform not so good.....
>
> I hope to receive other suggestions.....
>
> So, before spend 400$ for your UHF converter, it's better to give it a real-life try !!!
>
> 73' Pietro / hb9rxc / jn45lu / Mendrisio
>
> ----Messaggio originale----
>
> Da: casy_ch@...
>
> Data: 21.01.2010 8.46
>
> A: <nrd-525-535@yahoogroups.com>
>
> Oggetto: Re: [nrd-525-535] NRD-525, your opinion, please
>
> Hello Pietro
>
> Wowww!! I am glad that you reported your first experience with the NRD UHF converter.
>
> There was one recently on an auction (for approx. US$400 !!) and I was asking myself if I would not buy it for my NRD-
> 545. You seem to confirm I was right not buying it.
>

> 73
>
> Jean-Claude, HE9SRI
>
> ----- Original Message -----
>
> From: pietro
>
> To: nrd-525-535@yahoogroups.com
>
> Sent: Thursday, January 21, 2010 8:25 AM
>
> Subject: [nrd-525-535] NRD-525, your opinion, please
>
> Hello List,
>
> Well, I did it ! I found and bougth the famous (infamous ??) converter for my JRC-525. Put it inside and worked at
> first try ! wowww
>
>
>
> After testing fo a couple of evening, with various antenna (vhf-discone, 50MHz J-Pole, long-wire, etc), these are my
> "first" impressions:
>
> - generally lot of "birdies", frequency images and noises
>
> - good sensitivity
>
> - poor audio quality (AM + FM) on VHF, air-band, ham-repeater, etc
>
> - the audio quality should not be related with the converter, but I was more satisfied when I used the HF part
> only... uhmmmmm
>
> - tuning is hard, how many dial turns to change few KHz ??
>
> - Quite satisfied with 50MHz / USB, I receive just a beacon (50.017) S4/S5, but seem ok (compared with a SDR-
> receiver). Waiting for a better propagation and to install the J-Pole up on the roof.
>
>
>
> Being an electronic engineer and having the necessary test equipment, I will spend some time checking and measuring
> it more professionally.
>
> I wonder what are the opinions of other user ?
>

> Many thank, Pietro / hb9rxc

2125. Re: AW: Re: [nrd-525-535] NRD-525, your opinion, please

Yahoo group: nrd-525-535
Date: 2010-01-21 17:41:18 UTC
From: gandalfg8@aol.com
Topic: 2121 Message: 2125

In a message dated 21/01/2010 16:58:54 GMT Standard Time,
ron-eefje@... writes:

What about a Yaesu FRG-9600 in stead? That way you will even be able to
receive TV as well.....
With mods applied reception from 20MHz to 920Mhz would be possible.
However, these days the FRG-9600 will be hard to find!

In fact the FRG9600 isn't very hard to find, but just isn't very good by
modern standards so there's not much demand.
However, if you really really want one, someone with more optimism than
brains has one listed on Ebay UK starting at 325GBP, approx 520USD at current
exchange rates !!

To put that in perspective, an NRD525 supposedly in excellent condition
just sold for 305USD on Ebay.com:-)

regards

Nigel
GM8PZR

2126. FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-01-25 14:36:07 UTC
From: cyarbrough27705
Topic: 2126 Message: 2126

Hi all--I have decided to sell my JRC NRD-535D. It has the 1.8 and .5 JRC filters installed as well as the High Stability option and the CMH-530 RTTY board and CKJ-61 LED indicator that goes with it as well.

Asking &750 plus shipping. If you are interested please contact me offline at wampus@....com.

Thanks
Chuck
KI4BZJ

2127. Re: [nrd-525-535] FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-01-25 21:39:49 UTC
From: mparkinson1
Topic: 2126 Message: 2127

Sure would like to have your ritty option and led signal.
I have a NRD 535D also with the latest H verion firmware installed.
I would sell my radio on ebay and buy yours but that would take a week or so to do so.
Matt Parkinson Military Equipment & R 390A Depot Center

2128. Re: [nrd-525-535] FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-01-25 23:20:27 UTC
From: gandalfg8@aol.com
Topic: 2126 Message: 2128

In a message dated 25/01/2010 21:39:59 GMT Standard Time,
mparkinson1@... writes:

Sure would like to have your ritty option and led signal.
I have a NRD 535D also with the latest H verion firmware installed.
I would sell my radio on ebay and buy yours but that would take a week or
so to do so

So how much is an RTTY board with LED display unit worth these days?
I fitted one to my 535 at the same time as I fitted the bandwidth control
board and ECSS, obviously quite some time ago if they were still in
production:-), but don't recall ever having used the RTTY interface.

regards

Nigel
GM8PZR

2129. Re: [nrd-525-535] FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-01-26 02:36:24 UTC
From: Brian Denley
Topic: 2126 Message: 2129

I have that board and wrote a VB program to run the card and readout the
text. Works pretty good!
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: <gandalfg8@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, January 25, 2010 6:20 PM
Subject: Re: [nrd-525-535] FS: NRD-535D Loaded

>
> In a message dated 25/01/2010 21:39:59 GMT Standard Time,
> mparkinson1@... writes:
>
> Sure would like to have your ritty option and led signal.
> I have a NRD 535D also with the latest H verion firmware installed.
> I would sell my radio on ebay and buy yours but that would take a week or
> so to do so
>
>
>
> ----------
>
> So how much is an RTTY board with LED display unit worth these days?
> I fitted one to my 535 at the same time as I fitted the bandwidth control
> board and ECSS, obviously quite some time ago if they were still in
> production:-), but don't recall ever having used the RTTY interface.
>
> regards
>
> Nigel
> GM8PZR
>
>
>

2130. Re: [nrd-525-535] FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-01-26 22:11:19 UTC
From: wampus@nc.rr.com
Topic: 2126 Message: 2130

Hi Matt-Yes, the RTTY board is nice, although I really don't use it except as a tuning device with the LED indicators on the external indicator. Actually it would be much better if I hooked it up to a tuning oscilliscope--I used to do that with an old Universal M610 Scope that I used to have.,

73,
Chuck
---- mparkinson1 <mparkinson1@...> wrote:
> Sure would like to have your ritty option and led signal.
> I have a NRD 535D also with the latest H verion firmware installed.
> I would sell my radio on ebay and buy yours but that would take a week or so to do so.
> Matt Parkinson Military Equipment & R 390A Depot Center

2131. JRC NRD-515 BC Control

Yahoo group: nrd-525-535
Date: 2010-01-28 09:55:51 UTC
From: vr2kj
Topic: 2131 Message: 2131

Hi Group,

One of Local Ham live in about 1KM from the boardcast station
and the IC-751A Receiver is overloaded , got a lot noise in every band

Does the NRD-515 BC Control can fix such interference??

73

Rex Yeung
vr2kj
Hong Kong

2132. Re: [nrd-525-535] JRC NRD-515 BC Control

Yahoo group: nrd-525-535
Date: 2010-01-28 10:23:01 UTC
From: gandalfg8@aol.com
Topic: 2131 Message: 2132

In a message dated 28/01/2010 09:56:06 GMT Standard Time,
vr2kj@... writes:

One of Local Ham live in about 1KM from the boardcast station
and the IC-751A Receiver is overloaded , got a lot noise in every band

Does the NRD-515 BC Control can fix such interference?D

If it's that strong it should be filtered out before it hits the receiver,
probably a good high pass filter to cut out all the broadcast band would
be the best option or a notch filter on the frequency of this particular
station.

Once a strong interfering signal gets into the front end it's much more
difficult to deal with.

regards

Nigel
GM8PZR

2133. wtb: rs232 option for nrd525

Yahoo group: nrd-525-535
Date: 2010-02-02 13:57:44 UTC
From: SearchingForGarage
Topic: 2133 Message: 2133

Looking for good working unit.Tnx!!

John

2134. WTB 515

Yahoo group: nrd-525-535
Date: 2010-02-07 17:09:34 UTC
From: SearchingForGarage
Topic: 2134 Message: 2134

Does anyone have a nrd515 rcvr w/accys for sale?

thanks
john k5mo

2135. Re: [nrd-525-535] WTB 515

Yahoo group: nrd-525-535
Date: 2010-02-07 20:10:15 UTC
From: mparkinson1
Topic: 2134 Message: 2135

There is one up on ebay I beleive right now.
Matt Parkinson Military Equipment & R 390A Depot Center

2136. Re: WTB 515

Yahoo group: nrd-525-535
Date: 2010-02-08 03:31:43 UTC
From: larfla2
Topic: 2134 Message: 2136

Hi John,
Universal Radio has one right now. Go to www.universal_radio.com click on used quipment/photos tab, then " tabletop shortwave" and there it is. A NRD-515, NDH-518 Memory Unit, and NVA-515 Speaker for 1300.00. They are a great outfit, I have purchased both new and used equipment from them many, many times in the past. They check out their used gear prior to listing, so it works great. Give them a call to order. I'm not affiliated with them or anything, they are just a great company. Hope this helps. 73, Larry W2DDG
--- In nrd-525-535@yahoogroups.com, "SearchingForGarage" <johnmb@...> wrote:
>
> Does anyone have a nrd515 rcvr w/accys for sale?
>
> thanks
> john k5mo
>

2137. Re: WTB 515

Yahoo group: nrd-525-535
Date: 2010-02-08 13:22:53 UTC
From: driftermick
Topic: 2134 Message: 2137

--- In nrd-525-535@yahoogroups.com, "SearchingForGarage" <johnmb@...> wrote:
>
> Does anyone have a nrd515 rcvr w/accys for sale?
>
> thanks
> john k5mo
>

Hi John. QST.com has a used listing for JRC. i have seen
some great prices there. got 2 515's here in my collection.
great receivers. the 515 and the Drake R7 are the hottest
rigs right now. watch your butt on ebay, keep away from
the so called "power sellers". (KY), etc. the 515 can set ya
back a bunch. and, i have seen them go for $750.00 w/ acc.
so, it can be a crap shoot. before you buy, ask about returns.
never know what you might get. do a google on NRD-515 for sale.
be careful with modded sets, could be a butcher job.
good luck.

Drifter...

2138. Re: [nrd-525-535] Re: WTB 515

Yahoo group: nrd-525-535
Date: 2010-02-08 13:35:25 UTC
From: john
Topic: 2134 Message: 2138

hi, are yiou referring to the arrl website, or.....?

qst.com shows fabric equip :-)

At 08:22 AM 2/8/2010, you wrote:

>--- In nrd-525-535@yahoogroups.com, "SearchingForGarage" <johnmb@...> wrote:
> >
> > Does anyone have a nrd515 rcvr w/accys for sale?
> >
> > thanks
> > john k5mo
> >
>
>Hi John. QST.com has a used listing for JRC. i have seen
>some great prices there. got 2 515's here in my collection.
>great receivers. the 515 and the Drake R7 are the hottest
>rigs right now. watch your butt on ebay, keep away from
>the so called "power sellers". (KY), etc. the 515 can set ya
>back a bunch. and, i have seen them go for $750.00 w/ acc.
>so, it can be a crap shoot. before you buy, ask about returns.
>never know what you might get. do a google on NRD-515 for sale.
>be careful with modded sets, could be a butcher job.
>good luck.
>
>Drifter...
>
>
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

2139. Re: WTB 515

Yahoo group: nrd-525-535
Date: 2010-02-09 09:02:17 UTC
From: driftermick
Topic: 2134 Message: 2139

John.

http://swap.qth.com/search-results.php?keywords=JRC&fieldtosearch=TitleOrDesc

Here ya go. i should have included the link in my post.

good luck.
Drifter...

--- In nrd-525-535@yahoogroups.com, john <johnmb@...> wrote:
>
>
> hi, are yiou referring to the arrl website, or.....?
>
> qst.com shows fabric equip :-)
>
>
> At 08:22 AM 2/8/2010, you wrote:
>
>
>
>
> >--- In nrd-525-535@yahoogroups.com, "SearchingForGarage" <johnmb@> wrote:
> > >
> > > Does anyone have a nrd515 rcvr w/accys for sale?
> > >
> > > thanks
> > > john k5mo
> > >
> >
> >Hi John. QST.com has a used listing for JRC. i have seen
> >some great prices there. got 2 515's here in my collection.
> >great receivers. the 515 and the Drake R7 are the hottest
> >rigs right now. watch your butt on ebay, keep away from
> >the so called "power sellers". (KY), etc. the 515 can set ya
> >back a bunch. and, i have seen them go for $750.00 w/ acc.
> >so, it can be a crap shoot. before you buy, ask about returns.
> >never know what you might get. do a google on NRD-515 for sale.
> >be careful with modded sets, could be a butcher job.
> >good luck.
> >
> >Drifter...
> >
> >
> >
> >

> >------------------------------------
> >
> >Yahoo! Groups Links
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> >
> >
>

2140. 535D Rotary Encoder

Yahoo group: nrd-525-535
Date: 2010-02-18 14:54:09 UTC
From: johnherks
Topic: 2140 Message: 2140

Hello,

Does anyone know where I can get a replacement rotary magentic VFO encoder for my 535D ?

My current encoder has seized up.

John

2141. reset 525

Yahoo group: nrd-525-535
Date: 2010-02-18 16:11:42 UTC
From: rafaelcoldx
Topic: 2141 Message: 2141

Hi

Exist any form to reset the NRD-525?, recently I bought from HAM but present some memorys and adjust I want delete

For help, thanks

Rafael R.

2142. 525 Memory Channel Reset

Yahoo group: nrd-525-535
Date: 2010-02-18 17:17:01 UTC
From: Tracey Gardner
Topic: 2141 Message: 2142

Push and Hold the "CLR" button at Power Up

WARNING: This clears all memories and user defined functions to default Settings.

Tracey

> Exist any form to reset the NRD-525?, recently I bought from HAM but present some memorys and adjust I want delete
>
> For help, thanks
>
>
> Rafael R.
>

2143. Re: [nrd-525-535] 535D Rotary Encoder

Yahoo group: nrd-525-535
Date: 2010-02-19 03:46:54 UTC
From: mparkinson1
Topic: 2140 Message: 2143

As luck would have it I have one JOHN .
I paid 50 ,00 for it plus shipping from Japan.
So you can have it for 50.00 + shipping from my location.
In southern ca.
Matt Parkinson Military Equipment & R 390A Depot Center

2144. Re: 535D Rotary Encoder

Yahoo group: nrd-525-535
Date: 2010-02-19 03:59:48 UTC
From: johnherks
Topic: 2140 Message: 2144

Thanks for the prompt reply Matt - Greatly appreciated.

I look forward to getting my JRC NRD-535D up and running again.

I have sent you a private email for payment details.

Rgds,

John

--- In nrd-525-535@...m, "mparkinson1" <mparkinson1@...> wrote:
>
> As luck would have it I have one JOHN .
> I paid 50 ,00 for it plus shipping from Japan.
> So you can have it for 50.00 + shipping from my location.
> In southern ca.
> Matt Parkinson Military Equipment & R 390A Depot Center
>

2145. Wanted - CMF-78 Card (ECSS) - UK

Yahoo group: nrd-525-535
Date: 2010-02-23 11:17:46 UTC
From: Alan
Topic: 2145 Message: 2145

Hi

Just a hope. Is there anyone with a suplus to requirements CMF-78 ECSS card they wish to sell?

I had one in my old 525 which I sold a year ago and (after trying many other receivers) have just got a 535 and would like to add the ECSS card to it.

Thanks

Alan

2146. Re: FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-02-27 12:41:07 UTC
From: mikey
Topic: 2126 Message: 2146

bigapple59 bought this and sold it all for $1300 on ebay

--- In nrd-525-535@yahoogroups.com, "cyarbrough27705" <wampus@...> wrote:
>
> Hi all--I have decided to sell my JRC NRD-535D. It has the 1.8 and .5 JRC filters installed as well as the High Stability option and the CMH-530 RTTY board and CKJ-61 LED indicator that goes with it as well.
>
> Asking &750 plus shipping. If you are interested please contact me offline at wampus@...
>
> Thanks
> Chuck
> KI4BZJ
>

2147. Re: FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-02-27 13:04:05 UTC
From: mikey
Topic: 2126 Message: 2147

I should also mention his name is Randy McIntosh and he is an ebay radio flipper (this is what he does for a living) and grabs everything that is sold at a decent and fair price on the groups before members can get them (he spends a LOT of time watching all messages) and resells them on ebay at hefty markups. makes it hard for honest hobbyists on a budget to get a decent deal unfortunately.

he sold the 535 for $1050 and the RTTY combo for $200 for an attractive profit of close $500 in a few hours of work. that is a markup of close to 67%
who needs an honest job if you can do that every day (and he DOES)and make about $125,000 a year.

--- In nrd-525-535@yahoogroups.com, "mikey" <mikemaghakian@...> wrote:
>
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> --- In nrd-525-535@yahoogroups.com, "cyarbrough27705" <wampus@> wrote:
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> > Asking &750 plus shipping. If you are interested please contact me offline at wampus@
> >
> > Thanks
> > Chuck
> > KI4BZJ
> >
>

2148. Re: FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-02-27 20:41:48 UTC
From: Randy
Topic: 2126 Message: 2148

My apologies if this turns out to be a duplicate posting. I did not see my previous posting appear so am re-doing without the links.

Hypocrisy defined (borrowed from dictionary.com):

1.a pretense of having a virtuous character, moral or religious beliefs or principles, etc., that one does not really possess.

2.a pretense of having some desirable or publicly approved attitude.

It seems that the newest member of this yahoo group joined this past week solely to impugn my character and reputation. "straight-shooter-mike" can add this group to his list of yahoo groups that he has made claims about me that include things as dishonesty, immoral selling practices, and selling items for personal gain at the expense of others.

I will advise my wife that our personal income for 2009 went up 500% and we are now making $125,000 profit from selling on Ebay!

What does "straight-shooter-mike" (the Ebay selling name for Mike Maghakian) not tell you?

1. That selling on Ebay is not only a source of income for me, it is my ONLY source of income. My wife remains home forgoing a paying job to homeschool my autistic daughter and her younger sister. (yes he does know this) All the while, he sells on Ebay for supplimental income as both he and his wife, Dawn, have jobs and have no dependents.

I run a clean selling operation not only because it is good business, but because it is how I like to be treated as a buyer and it is things should be. I don't haggle sellers over price and I help cover Paypal costs and other expenses as the situation allows. I have nearly 3900 positive feedbacks on Ebay with no negatives and detailed seller ratings of 4.9 and 5.0 in all categories. I often remain in contact with people I purchase from and also people that I sell to and I stand behind what I sell making things right if I overlooked something (which happens on occasion).

Ultimately, everyone wins and this hobby that we all enjoy gets promoted. I spend a great deal of time procuring, testing, cosmetically & electronically restoring as I am able, and working with buyers after the sale to answer their questions.

"straight-shooter-mike" also won't tell you:

2. That I am an insulin diabetic and the cost of my prescriptions and medical care is expensive.

3. That I have 3 of 5 daughters still living at home and I am trying to pay for a modest wedding for my oldest daughter this May.

4. That I have lost my net worth twice in my lifetime. Other than a small business account that allows me to procure items for sale and pay business expenses, I do not have any stocks, 401K, retirement plans, savings accounts, or other assets other than my home and

it's contents (including my radios). I pay as I go and I do not plan for "retirement" as my youngest daughter is 5 years old and I am 50 years old.

5. That I live in a modest home in a small community in central penna while "straight-shooter" lives in the San Fran Bay Area. My wife and I keep our home between 61-62 degrees in the winter to keep our fuel oil costs affordable and both our vheicles are over 10 years old. I do not care where "straight-shooter" lives, what he earns, and what he pays for his standard of living, but he is preoccupied with mine and I only mention it to further my point for this response.

6. That he uses several of the yahoo group hobby sites to impugn my character and denigrate my selling practices. And yet, let's take a look at his.

With irony, he claims that I am making a substantial profit and uses one example of a sale of a CMH-530 RTTY board and a CKJ-61 tuner for $199. And yet, he just listed the CMH-530 for $175 (before reducing it to $145 prior to his posting on this site). If you consider that the CKJ-61 alone sells for about $45, then his price and my price is comparable to one another.

In fact, on the Drake R8 site, Bill Frost (former head of RL Drake service) mentioned that he had 3 "free" copies of Drake R8 control software for the cost of postage. I contacted Bill and he told me $1.65 for shipping. He thoughtfully sent me the control software. Apparently "straight-shooter" also got a copy of this control software as well because about a week later, he sold this set on Ebay for $50.00 as a buy-it-now". If you look at "straight-shooter-mike" and items he sold the past month, you will see the sale.

Wow...that is a 3,000% profit!!!

Do I care what he purchases and what "straight-shooter" sells. Absolutely not.

The list continues. I will avoid posting his vulgar emails to me that I have saved, but will tell you about how he continually tries to interfere with my Ebay sales. Prior to Ebay disguising buyers, he had even emailed some of them to "inform" them that they paid too much for an item purchased from me at auction. Can you imagine?

If you are members of these other sites, you will recognize his attacks on me during the past few months:

Sony CRF-320
Drake R8
Yaesu FRG-100
AOR 7030

So why is he preoccupied with me? Because "straight-shooter" PURCHASES FROM THE SAME SOURCES, LISTS MANY OF THE SAME ITEMS, AND SELLS ON THE SAME VENUES AT THE SAME PRICES. Period.

I want to apologize to the members of this group for this type of response and the length. I have been a member of the 525/535 group for several months and you know that I do not do this type of posting in the yahoo groups without provocation.

Can we please use this group for what it was intended and not what "straight-shooter-mike" wants to turn it into.

Thank you also for taking the time to read this lengthy posting. I am very grateful!

Randy
swradioman

--- In nrd-525-535@yahoogroups.com, "mikey" <mikemaghakian@...> wrote:
>
> I should also mention his name is Randy McIntosh and he is an ebay radio flipper (this is what he does for a living) and grabs everything that is sold at a decent and fair price on the groups before members can get them (he spends a LOT of time watching all messages) and resells them on ebay at hefty markups. makes it hard for honest hobbyists on a budget to get a decent deal unfortunately.
>
> he sold the 535 for $1050 and the RTTY combo for $200 for an attractive profit of close $500 in a few hours of work. that is a markup of close to 67%
> who needs an honest job if you can do that every day (and he DOES)and make about $125,000 a year.
>
>
> --- In nrd-525-535@yahoogroups.com, "mikey" <mikemaghakian@> wrote:
> >
> > bigapple59 bought this and sold it all for $1300 on ebay
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> > >
> > > Hi all--I have decided to sell my JRC NRD-535D. It has the 1.8 and .5 JRC filters installed as well as the High Stability option and the CMH-530 RTTY board and CKJ-61 LED indicator that goes with it as well.
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> > > Thanks
> > > Chuck
> > > KI4BZJ
> > >
> >
>

2149. FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-02-27 21:04:56 UTC
From: Bill Cotter
Topic: 2126 Message: 2149

Randy,

Why the profuse apology??? You are just taking
the moron's bait. It's obvious he is jealous of
your success. The value of an object is what the
buyer and seller agree upon. As a marketer, you
just found the right seller and buyer to make a
profit. Don't every one of us do this to make a
living? Even the moron does it to get by.

Bill N4LG

At 03:41 PM 2/27/2010, you wrote:
>
>
>My apologies if this turns out to be a duplicate
>posting. I did not see my previous posting
>appear so am re-doing without the links.
>
>Hypocrisy defined (borrowed from dictionary.com):
>
>1.a pretense of having a virtuous character,
>moral or religious beliefs or principles, etc.,
>that one does not really possess.
>
>2.a pretense of having some desirable or publicly approved attitude.
>
>It seems that the newest member of this yahoo
>group joined this past week solely to impugn my
>character and reputation.
>"straight-shooter-mike" can add this group to
>his list of yahoo groups that he has made claims
>about me that include things as dishonesty,
>immoral selling practices, and selling items for
>personal gain at the expense of others.
>
>I will advise my wife that our personal income
>for 2009 went up 500% and we are now making
>$125,000 profit from selling on Ebay!
>
>What does "straight-shooter-mike" (the Ebay
>selling name for Mike Maghakian) not tell you?
>
>1. That selling on Ebay is not only a source of
>income for me, it is my ONLY source of income.
>My wife remains home forgoing a paying job to

>homeschool my autistic daughter and her younger
>sister. (yes he does know this) All the while,
>he sells on Ebay for supplimental income as both
>he and his wife, Dawn, have jobs and have no dependents.
>
>I run a clean selling operation not only because
>it is good business, but because it is how I
>like to be treated as a buyer and it is things
>should be. I don't haggle sellers over price and
>I help cover Paypal costs and other expenses as
>the situation allows. I have nearly 3900
>positive feedbacks on Ebay with no negatives and
>detailed seller ratings of 4.9 and 5.0 in all
>categories. I often remain in contact with
>people I purchase from and also people that I
>sell to and I stand behind what I sell making
>things right if I overlooked something (which happens on occasion).
>
>Ultimately, everyone wins and this hobby that we
>all enjoy gets promoted. I spend a great deal of
>time procuring, testing, cosmetically &
>electronically restoring as I am able, and
>working with buyers after the sale to answer their questions.
>
>"straight-shooter-mike" also won't tell you:
>
>2. That I am an insulin diabetic and the cost of
>my prescriptions and medical care is expensive.
>
>3. That I have 3 of 5 daughters still living at
>home and I am trying to pay for a modest wedding
>for my oldest daughter this May.
>
>4. That I have lost my net worth twice in my
>lifetime. Other than a small business account
>that allows me to procure items for sale and pay
>business expenses, I do not have any stocks,
>401K, retirement plans, savings accounts, or
>other assets other than my home and it's
>contents (including my radios). I pay as I go
>and I do not plan for "retirement" as my
>youngest daughter is 5 years old and I am 50 years old.
>
>5. That I live in a modest home in a small
>community in central penna while
>"straight-shooter" lives in the San Fran Bay
>Area. My wife and I keep our home between 61-62
>degrees in the winter to keep our fuel oil costs
>affordable and both our vheicles are over 10
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>what he pays for his standard of living, but he
>is preoccupied with mine and I only mention it
>to further my point for this response.
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>6. That he uses several of the yahoo group hobby
>sites to impugn my character and denigrate my
>selling practices. And yet, let's take a look at his.
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>With irony, he claims that I am making a
>substantial profit and uses one example of a
>sale of a CMH-530 RTTY board and a CKJ-61 tuner
>for $199. And yet, he just listed the CMH-530
>for $175 (before reducing it to $145 prior to
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>the CKJ-61 alone sells for about $45, then his
>price and my price is comparable to one another.
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>In fact, on the Drake R8 site, Bill Frost
>(former head of RL Drake service) mentioned that
>he had 3 "free" copies of Drake R8 control
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>Bill and he told me $1.65 for shipping. He
>thoughtfully sent me the control software.
>Apparently "straight-shooter" also got a copy of
>this control software as well because about a
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>as a buy-it-now". If you look at
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>past month, you will see the sale.
>
>Wow...that is a 3,000% profit!!!
>
>Do I care what he purchases and what
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>The list continues. I will avoid posting his
>vulgar emails to me that I have saved, but will
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>interfere with my Ebay sales. Prior to Ebay
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>
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>of posting in the yahoo groups without provocation.
>
>Can we please use this group for what it was
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>
>Thank you also for taking the time to read this
>lengthy posting. I am very grateful!
>
>Randy
>swradioman
>
>--- In
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> in a few hours of work. that is a markup of close to 67%
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> > > > Thanks
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> > > >
> > >
> >
>
>

2150. Re: FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-02-27 21:11:52 UTC
From: caladonia5560
Topic: 2126 Message: 2150

Mike, I see a hint of jealousy here. Don't you also do a LOT of selling of radios and related items on Ebay under the name of "straight-shooter-mike"? Maybe he beat to it.

Les Layton
Las Vegas, NV

--- In nrd-525-535@yahoogroups.com, "mikey" <mikemaghakian@...> wrote:
>
> I should also mention his name is Randy McIntosh and he is an ebay radio flipper (this is what he does for a living) and grabs everything that is sold at a decent and fair price on the groups before members can get them (he spends a LOT of time watching all messages) and resells them on ebay at hefty markups. makes it hard for honest hobbyists on a budget to get a decent deal unfortunately.
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2151. Re: FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-02-27 20:17:13 UTC
From: Randy
Topic: 2126 Message: 2151

My apologies if this turns out to be a duplicate posting. I did not see my previous posting appear so am re-doing.

Hypocrisy defined (borrowed from dictionary.com):

1.a pretense of having a virtuous character, moral or religious beliefs or principles, etc., that one does not really possess.

2.a pretense of having some desirable or publicly approved attitude.

It seems that the newest member of this yahoo group joined this past week solely to impugn my character and reputation. "straight-shooter-mike" can add this group to his list of yahoo groups that he has made claims about me that include things as dishonesty, immoral selling practices, and selling items for personal gain at the expense of others.

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Ultimately, everyone wins and this hobby that we all enjoy gets promoted. I spend a great deal of time procuring, testing, cosmetically & electronically restoring as I am able, and working with buyers after the sale to answer their questions.

"straight-shooter-mike" also won't tell you:

2. That I am an insulin diabetic and the cost of my prescriptions and medical care is expensive.

3. That I have 3 of 5 daughters still living at home and I am trying to pay for a modest wedding for my oldest daughter this May.

4. That I have lost my net worth twice in my lifetime. Other than a small business account that allows me to procure items for sale and pay business expenses, I do not have any stocks, 401K, retirement plans, savings accounts, or other assets other than my home and

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http://cgi.ebay.com/JRC-CMH-530-Board-for-the-NRD-525-NRD-535_W0QQitemZ230442959282QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item35a77881b2

In fact, on the Drake R8 site, Bill Frost (former head of RL Drake service) mentioned that he had 3 "free" copies of Drake R8 control software for the cost of postage. I contacted Bill and he told me $1.65 for shipping. He thoughtfully sent me the control software. Apparently "straight-shooter" also got a copy of this control software as well because about a week later, he sold this set on Ebay for $50.00 as a buy-it-now".

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=330402594533

Wow...that is a 3,000% profit!!!

Do I care what he purchases and what "straight-shooter" sells. Absolutely not.

The list continues. I will avoid posting his vulgar emails to me that I have saved, but will tell you about how he continually tries to interfere with my Ebay sales. Prior to Ebay disguising buyers, he had even emailed some of them to "inform" them that they paid too much for an item purchased from me at auction. Can you imagine?

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Drake R8
Yaesu FRG-100
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>

2152. Re: [nrd-525-535] Re: FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-02-27 21:22:46 UTC
From: john
Topic: 2126 Message: 2152

>--- In nrd-525-535@yahoogroups.com, "mikey" <mikemaghakian@...> wrote:
>

He paid what the seller asked for, right? What's the problem?

2153. Re: FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-02-27 21:48:02 UTC
From: MARKC
Topic: 2126 Message: 2153

Congratulations on building a successful e-bay business. It's always pleasure to see someone do well at what they have worked hard to achieve. I strongly support the free-market economy where buyers are free to choose whom they do business with. There is nothing objectionable to earning a fair profit, it is the foundation of all thriving economies. Best wishes.

--- In nrd-525-535@yahoogroups.com, "Randy" <swradioman@...> wrote:
>
> My apologies if this turns out to be a duplicate posting. I did not see my previous posting appear so am re-doing without the links.
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> Hypocrisy defined (borrowed from dictionary.com):
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> It seems that the newest member of this yahoo group joined this past week solely to impugn my character and reputation. "straight-shooter-mike" can add this group to his list of yahoo groups that he has made claims about me that include things as dishonesty, immoral selling practices, and selling items for personal gain at the expense of others.
>
> I will advise my wife that our personal income for 2009 went up 500% and we are now making $125,000 profit from selling on Ebay!
>
> What does "straight-shooter-mike" (the Ebay selling name for Mike Maghakian) not tell you?
>
> 1. That selling on Ebay is not only a source of income for me, it is my ONLY source of income. My wife remains home forgoing a paying job to homeschool my autistic daughter and her younger sister. (yes he does know this) All the while, he sells on Ebay for supplimental income as both he and his wife, Dawn, have jobs and have no dependents.
>
> I run a clean selling operation not only because it is good business, but because it is how I like to be treated as a buyer and it is things should be. I don't haggle sellers over price and I help cover Paypal costs and other expenses as the situation allows. I have nearly 3900 positive feedbacks on Ebay with no negatives and detailed seller ratings of 4.9 and 5.0 in all categories. I often remain in contact with people I purchase from and also people that I sell to and I stand behind what I sell making things right if I overlooked something (which happens on occasion).
>
> Ultimately, everyone wins and this hobby that we all enjoy gets promoted. I spend a great deal of time procuring, testing, cosmetically & electronically restoring as I am able, and working with buyers after the sale to answer their questions.

>
> "straight-shooter-mike" also won't tell you:
>
> 2. That I am an insulin diabetic and the cost of my prescriptions and medical care is expensive.
>
> 3. That I have 3 of 5 daughters still living at home and I am trying to pay for a modest wedding for my oldest daughter this May.
>
> 4. That I have lost my net worth twice in my lifetime. Other than a small business account that allows me to procure items for sale and pay business expenses, I do not have any stocks, 401K, retirement plans, savings accounts, or other assets other than my home and it's contents (including my radios). I pay as I go and I do not plan for "retirement" as my youngest daughter is 5 years old and I am 50 years old.
>
> 5. That I live in a modest home in a small community in central penna while "straight-shooter" lives in the San Fran Bay Area. My wife and I keep our home between 61-62 degrees in the winter to keep our fuel oil costs affordable and both our vheicles are over 10 years old. I do not care where "straight-shooter" lives, what he earns, and what he pays for his standard of living, but he is preoccupied with mine and I only mention it to further my point for this response.
>
>
> 6. That he uses several of the yahoo group hobby sites to impugn my character and denigrate my selling practices. And yet, let's take a look at his.
>
> With irony, he claims that I am making a substantial profit and uses one example of a sale of a CMH-530 RTTY board and a CKJ-61 tuner for $199. And yet, he just listed the CMH-530 for $175 (before reducing it to $145 prior to his posting on this site). If you consider that the CKJ-61 alone sells for about $45, then his price and my price is comparable to one another.
>
> In fact, on the Drake R8 site, Bill Frost (former head of RL Drake service) mentioned that he had 3 "free" copies of Drake R8 control software for the cost of postage. I contacted Bill and he told me $1.65 for shipping. He thoughtfully sent me the control software. Apparently "straight-shooter" also got a copy of this control software as well because about a week later, he sold this set on Ebay for $50.00 as a buy-it-now". If you look at "straight-shooter-mike" and items he sold the past month, you will see the sale.
>
>
> Wow...that is a 3,000% profit!!!
>
> Do I care what he purchases and what "straight-shooter" sells. Absolutely not.
>
> The list continues. I will avoid posting his vulgar emails to me that I have saved, but will tell you about how he continually tries to interfere with my Ebay sales. Prior to Ebay disguising buyers, he had even emailed some of them to "inform" them that they paid too much for an item purchased from me at auction. Can you imagine?
>
> If you are members of these other sites, you will recognize his attacks on me during the

past few months:
>
> Sony CRF-320
> Drake R8
> Yaesu FRG-100
> AOR 7030
>
> So why is he preoccupied with me? Because "straight-shooter" PURCHASES FROM THE SAME SOURCES, LISTS MANY OF THE SAME ITEMS, AND SELLS ON THE SAME VENUES AT THE SAME PRICES. Period.
>
> I want to apologize to the members of this group for this type of response and the length. I have been a member of the 525/535 group for several months and you know that I do not do this type of posting in the yahoo groups without provocation.
>
> Can we please use this group for what it was intended and not what "straight-shooter-mike" wants to turn it into.
>
> Thank you also for taking the time to read this lengthy posting. I am very grateful!
>
> Randy
> swradioman
>
> --- In nrd-525-535@yahoogroups.com, "mikey" <mikemaghakian@> wrote:
> >
> > I should also mention his name is Randy McIntosh and he is an ebay radio flipper (this is what he does for a living) and grabs everything that is sold at a decent and fair price on the groups before members can get them (he spends a LOT of time watching all messages) and resells them on ebay at hefty markups. makes it hard for honest hobbyists on a budget to get a decent deal unfortunately.
> >
> > he sold the 535 for $1050 and the RTTY combo for $200 for an attractive profit of close $500 in a few hours of work. that is a markup of close to 67%
> > who needs an honest job if you can do that every day (and he DOES)and make about $125,000 a year.
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "mikey" <mikemaghakian@> wrote:
> > >
> > > bigapple59 bought this and sold it all for $1300 on ebay
> > >
> > > --- In nrd-525-535@yahoogroups.com, "cyarbrough27705" <wampus@> wrote:
> > > >
> > > > Hi all--I have decided to sell my JRC NRD-535D. It has the 1.8 and .5 JRC filters installed as well as the High Stability option and the CMH-530 RTTY board and CKJ-61 LED indicator that goes with it as well.
> > > >
> > > > Asking &750 plus shipping. If you are interested please contact me offline at wampus@
> > > >
> > > > Thanks

> > > > Chuck
> > > > KI4BZJ
> > > >
> > >
> >
>

2154. Re: [nrd-525-535] Re: FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-02-28 00:00:58 UTC
From: Bob Betts
Topic: 2126 Message: 2154

Randy and All:
Gee Randy, I hope I don't embarrass you, but I wanted to make this public.
Last year I finally found a radio I have been looking for, for a long time. Randy had one up on ebay. It was an ITT Mackay and in very nice condition. Randy's price was certainly fair, but a bit steep for a guy with kids still at home and facing a 20% salary cutback due to the economy. I contacted Randy concerning his "best offer" price. Within minutes he had reduced the price for me by, well, let's just say, a lot of money. I was shocked. I promptly took him up on his offer, and sent the funds.
I'm not quite done. When you buy an expensive, and heavy radio, it's normal to chew your nails until you find out what the carrier did to your parcel. Well, the radio arrived in some of the absolutely best packing I have ever seen. I ship my stuff from our factory where we have automated foam packing machinery, and I gotta tell you, Randy's packing rivals the packaging that professionals do.
Ranyd does an excellent jop of composing his ebay Web pages as well. He tells you everything about the receiver, the manuals, the radio's history, etc, etc. You can tell by reading between the lines, and his feedback, that this is gonna be a good transaction.

Okay, I'll shut up -- just one more thing. I was so impressed with Randy's transaction, help and friendly attitude that I put a reference to him up on my Web site. I seldom do that, since I think it could be dangerous recommending people I've never met. But in Randy's case I didn't hesitate to do it.
Here's the link if anyone cares to read my experience with Randy.
Thank you and best wishes to you all.
Bob, N1KPR
http://www.bobsamerica.com/listeningpost.html

--- On Sat, 2/27/10, Randy <swradioman@...> wrote:

<snipped>

My apologies if this turns out to be a duplicate posting. I did not see my previous posting appear so am re-doing.

2155. Re: FS: NRD-535D Loaded

Yahoo group: nrd-525-535
Date: 2010-02-28 17:13:26 UTC
From: PaulLannuier
Topic: 2126 Message: 2155

Hey "Mikey"... it's one thing to warn people about someone who is a scammer, or has a habit of screwing people out of money, or of selling not-as-advertised gear, but the only thing Randy McIntosh seems to be doing wrong (in your mind, apparently) is, he's making a profit. How awful.

If he sold the radio for $1050, then that is a "fair" price because someone was willing to pay that much for it. That he made a profit on the sale is, frankly, wonderful. It's the same thing Ham Radio Outlet, AES, Universal, and every other dealer does. I do it when I can, too. It's curious that you have a problem with it.

Maybe you should find another group warn about this practice of buying low and selling high. I humbly suggest "alt.marxism".

Respectfully,
Paul WW2PT

2156. Enough !

Yahoo group: nrd-525-535
Date: 2010-02-28 18:59:01 UTC
From: wmherndon
Topic: 2156 Message: 2156

Can we just move on. There have been more posts over this than any other topic in a long while.

Thanks for all the support on topics we are all interested in, but enough DRAMA.

2157. Re: [nrd-525-535] Enough !

Yahoo group: nrd-525-535
Date: 2010-02-28 21:11:48 UTC
From: MARK CLARK
Topic: 2156 Message: 2157

"Can we just move on."

Why don't YOU just move on? Who in hell appointed your sorry ass to dictate to others what is discussed here? It's like the TV man, if you can't stomach it, just change the channel !!! Who is holding a gun to your head, forcing you to read these posts ? What's next, your whiny, carping plea to the moderator to "PLEASE JUST LOCK DOWN THIS THREAD" !!! Now quick, run tell the moderator on me !!!

--- On Sun, 2/28/10, wmherndon <wherndon@...> wrote:

From: wmherndon <wherndon@...>
Subject: [nrd-525-535] Enough !
To: nrd-525-535@yahoogroups.com
Date: Sunday, February 28, 2010, 10:59 AM

Can we just move on. There have been more posts over this than any other topic in a long while.

Thanks for all the support on topics we are all interested in, but enough DRAMA.

2158. RE: [nrd-525-535] Enough !

Yahoo group: nrd-525-535
Date: 2010-02-28 22:58:31 UTC
From: Charles Bolland
Topic: 2156 Message: 2158

Actually, I am glad these comments are being posted.
Now I will think twice

before I spend my Social Security money on a second
hand receiver instead

of my medicine

Chuck

From: nrd-525-535@yahoogroups.com
[mailto:nrd-525-535@yahoogroups.com] On Behalf Of
wmherndon
Sent: Sunday, February 28, 2010 18:59
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Enough !

Can we just move on. There have been more posts over
this than any other topic in a long while.

Thanks for all the support on topics we are all
interested in, but enough DRAMA.

2159. Gee, I am so sorry!

Yahoo group: nrd-525-535
Date: 2010-02-28 23:17:38 UTC
From: wmherndon
Topic: 2159 Message: 2159

Wow, ok I did not realize this was so important. Carry on! Mark don't worry I can handle your hostal attack and kind words myself. You must be having a very bad day.

2160. Re: 535D Rotary Encoder

Yahoo group: nrd-525-535
Date: 2010-03-01 11:48:01 UTC
From: johnherks
Topic: 2140 Message: 2160

Hello Again,

Thanks to Matt Parkinson -I received the replacement Magnetic Encoder in the mail today and have installed it in my JRC NRD-535D.

The radio is working perfectly again and has a nice smooth VFO. It was fairly easy to replace the original seized VFO -

You just need to take your time and remove the front panel from the chassis (taking care when unplugging the multi-pin connector harness(s) from the front panel to the main motherboard).

Once the front panel is off you then need to remove the front pot knobs and undo the hex nuts for each pot. The VFO has a rubber ring which you slide off and then carefully using a small allan key in the hole you loosen the grub screw slightly to slide the VFO off the encoder shaft.

You then need to remove/unscrew the metal shield on the rear of the front panel assembly and then remove/unscrew the PCB from the front panel.

You can then unplug the 4 pin connector from the encoder to the PCB.
(Be careful with the buttons for the numeric keypad which are attached to the PCB - the other buttons just slide out of the front panel).

Now for the magnetic encoder part. The replacement JRC spare part was a COPAL RMS20-250-201-1Q unit.

I have uploaded the datasheet for this encoder to the Files Area. Some newer ICOM radios use the same encoder - so you may be able to purchase this encoder from another source (rather than JRC) and just splice the original 4 PIN encoder to PCB connector to the new encoder.

Regards,

John Herks

--- In nrd-525-535@yahoogroups.com, "johnherks" <john@...> wrote:
>
>
>
>
> Thanks for the prompt reply Matt - Greatly appreciated.
>
> I look forward to getting my JRC NRD-535D up and running again.
>
> I have sent you a private email for payment details.
>
> Rgds,

>
> John
>
> --- In nrd-525-535@yahoogroups.com, "mparkinson1" <mparkinson1@> wrote:
> >
> > As luck would have it I have one JOHN .
> > I paid 50 ,00 for it plus shipping from Japan.
> > So you can have it for 50.00 + shipping from my location.
> > In southern ca.
> > Matt Parkinson Military Equipment & R 390A Depot Center
> >
>

2161. Re: Gee, I am so sorry!

Yahoo group: nrd-525-535
Date: 2010-03-01 17:32:54 UTC
From: MARKC
Topic: 2159 Message: 2161

Get a life you loser.

--- In nrd-525-535@yahoogroups.com, "wmherndon" <wherndon@...> wrote:
>
> Wow, ok I did not realize this was so important. Carry on! Mark don't worry I can handle your hostal attack and kind words myself. You must be having a very bad day.
>

2162. Re: [nrd-525-535] Re: Gee, I am so sorry!

Yahoo group: nrd-525-535
Date: 2010-03-01 17:48:42 UTC
From: Patrick Garner
Topic: 2159 Message: 2162

Let's everyone play nice. Seems awfully easy to bash someone who expressed exactly what others were thinking.

On Mar 1, 2010, at 12:32 PM, MARKC wrote:

> Get a life you loser.
>
> --- In nrd-525-535@yahoogroups.com, "wmherndon" <wherndon@...> wrote:
> >
> > Wow, ok I did not realize this was so important. Carry on! Mark don't worry I can handle your hostal attack and kind words myself. You must be having a very bad day.
> >
>
>

2163. Antennas

Yahoo group: nrd-525-535
Date: 2010-03-01 20:31:49 UTC
From: Robert Wilkner
Topic: 179 Message: 2163

Greetings from warm Florida,

Wonder what people are using for antennas?
Is anyone dxing the tropical bands of 120 meters to 5900 Khz?

Best Regards
Bob

2164. Re: Gee, I am so sorry!

Yahoo group: nrd-525-535
Date: 2010-03-01 21:40:02 UTC
From: jim_hack
Topic: 2159 Message: 2164

--- In nrd-525-535@yahoogroups.com, "wmherndon" <wherndon@...> wrote:
>
> Wow, ok I did not realize this was so important. Carry on! Mark don't worry I can handle your hostal attack and kind words myself. You must be having a very bad day.
>

Some people have bad days others are just A-holes.....

2165. RE: [nrd-525-535] Re: Gee, I am so sorry!

Yahoo group: nrd-525-535
Date: 2010-03-01 21:47:58 UTC
From: Bill Carney
Topic: 2159 Message: 2165

OK everyone, listowner here.

Someone pooped in the punchbowl, and was asked to leave the party. We can all move on now. These personal attacks on another aren't warranted, nor are they necessary here.

Let's drop the subject. Entirely.

Thank you.

Bill Carney

-----Original Message-----
From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of jim_hack
Sent: Monday, March 01, 2010 4:40 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: Gee, I am so sorry!

--- In nrd-525-535@yahoogroups.com, "wmherndon" <wherndon@...> wrote:
>
> Wow, ok I did not realize this was so important. Carry on! Mark don't worry I can handle your hostal attack and kind words myself. You must be having a very bad day.
>

Some people have bad days others are just A-holes.....

Yahoo! Groups Links

2166. New to this forum

Yahoo group: nrd-525-535
Date: 2010-03-03 20:02:18 UTC
From: wouter20012000
Topic: 2166 Message: 2166

Hello,

My name is Peter and I am new to this forum. I am living in the Netherlands and listen to Shortwave for about 20 years now.

My main interest is aero traffic, HFDL and the Tropical bands. Some of you may know me as the Aero editor that I have been for some periode of the WUN.

My experience with JRC started 4 months ago with a good NRD-525, I was suprised by its good performance. And it even got beter with the NRD-535. The NRD-535D is exellent in my opinion. Mine also have the RTTY card.

The antenna over here is a Wellbrook ALA1530 loop. I am using a external Motorola speaker and still in search for a nice NVA-319 speaker.

I hope to learn more about this receivers over here and share some experience.

List of other shortwave receivers I have owned:
AOR: AR3030
Icom: R20/R71E/R75(DSP)/R8500
Kenwood: R1000/R2000/R5000

2167. Re: [nrd-525-535] New to this forum

Yahoo group: nrd-525-535
Date: 2010-03-04 03:36:44 UTC
From: Brian Denley
Topic: 2166 Message: 2167

Peter:
I have had pretty good luck with that CMH-530 RTTY board. I was able to easily write a Visual Basic program to 'talk' to it and display the text on the computer..
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "wouter20012000" <psdedeugd@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Wednesday, March 03, 2010 3:02 PM
Subject: [nrd-525-535] New to this forum

Hello,

My name is Peter and I am new to this forum. I am living in the Netherlands and listen to Shortwave for about 20 years now.

My main interest is aero traffic, HFDL and the Tropical bands. Some of you may know me as the Aero editor that I have been for some periode of the WUN.

My experience with JRC started 4 months ago with a good NRD-525, I was suprised by its good performance. And it even got beter with the NRD-535. The NRD-535D is exellent in my opinion. Mine also have the RTTY card.

The antenna over here is a Wellbrook ALA1530 loop. I am using a external Motorola speaker and still in search for a nice NVA-319 speaker.

I hope to learn more about this receivers over here and share some experience.

List of other shortwave receivers I have owned:
AOR: AR3030
Icom: R20/R71E/R75(DSP)/R8500
Kenwood: R1000/R2000/R5000

2168. NVA -88 Speaker

Yahoo group: nrd-525-535
Date: 2010-03-06 15:25:07 UTC
From: muanait
Topic: 2168 Message: 2168

Hi to all members,

For those looking to buy a matching JRC NVA-88 speaker - there is one just listed on Ebay UK.
Looks quite clean. On sale from an Italian seller. Price is 109 Euro.

I have absolutely no connection with the seller!!

73 de Batt.

2169. RXCommander new version

Yahoo group: nrd-525-535
Date: 2010-03-21 16:56:11 UTC
From: pietro
Topic: 2169 Message: 2169

Hi List !!

New version of my RXCommander for 525 / 535, now support of CMK-165 converter.

Have a look here hb9rxc.tripod.com/software.htm

It's completely free ..... !!!

ciao de Pietro HB9RXC

2170. how to do a reset and add memory channels

Yahoo group: nrd-525-535
Date: 2010-04-05 22:07:32 UTC
From: Stuart
Topic: 2170 Message: 2170

hi there i am struggling to do the above on an jrc nrd-525 can anyone help am also after the computer lead ans software can anyone tell me where to get them cheep thanks stuart

allington646@...

2171. Re: [nrd-525-535] how to do a reset and add memory channels

Yahoo group: nrd-525-535
Date: 2010-04-06 07:11:43 UTC
From: gandalfg8@aol.com
Topic: 2170 Message: 2171

In a message dated 05/04/2010 23:08:24 GMT Daylight Time,
allington646@... writes:

hi there i am struggling to do the above on an jrc nrd-525 can anyone help
am also after the computer lead ans software can anyone tell me where to
get them cheep thanks stuart

H Stuart

Not quite sure what you mean by reset, do you have an operating problem or
just want to clear the memory channels?
If you are "struggling" to add memory channels, do you mean you're having
problems following the instructions or they don't seem to store properly
when you do?

If channels aren't storing properly that may be due to the backup battery
on the CPU board needing replacement. Instructions for this are in the user
manual, as are the instructions for storing channels.

Others may know better but, as far as I'm aware anyway, there isn't a CPU
reset option, other than powering down and starting over, nor is there an
option to clear memory channels other than overwriting them.
Removing the battery for replacement should clear them but it's also
possible it might just corrupt them, probably depends on how long you leave it
out.

If you don't have the manuals I'm pretty sure there are copies of both user
and service manuals in the group files section, if not I can zip them and
make them available for download since at approx 20MB they're too big for
me to email.

Enabling RS232 on the 525 requires an option card, not just a lead, and
these are getting harder to find and certainly not cheap.
I seem to recall somebody offering a replacement, either ready built or as
a DIY project, but can't find any details in my archives so could be wrong,
a Google search might find something.
I do have the fitting instructions and schematics for the original JRC
RS232 card if you'd like a copy.

Getting the card and lead is the difficult bit, once you've got those
there's some very good free software available.

regards

Nigel
GM8PZR

2172. NRD-525 Repairs

Yahoo group: nrd-525-535
Date: 2010-04-06 22:22:18 UTC
From: sjotrollet
Topic: 794 Message: 2172

Anyone out there know of anyone or shop (that knows what they're doing) to take on repairs of a NRD-525? Got one here that suffers from high sensitivity (around 50uv) over the entire range. Had a nearby lightning hit and I think there is an internal lightning arrestor inside it and that getting blown would explain the high sensitivity.
73
Walt (N4GL)

2173. Re: [nrd-525-535] NRD-525 Repairs

Yahoo group: nrd-525-535
Date: 2010-04-06 22:37:43 UTC
From: heiseyamfm@aol.com
Topic: 794 Message: 2173

Do you mean low sensitivity ? High sensitivity is a good thing !

In a message dated 4/6/2010 5:22:36 P.M. Central Daylight Time,
sjotrollet@yahoo.com writes:

Anyone out there know of anyone or shop (that knows what they're
doing) to take on repairs of a NRD-525? Got one here that
suffers from high sensitivity (around 50uv) over the entire range.
Had a nearby lightning hit and I think there is an internal
lightning arrestor inside it and that getting blown would
explain the high sensitivity.
73
Walt (N4GL)

2174. 535D Memory Reset

Yahoo group: nrd-525-535
Date: 2010-04-09 03:13:02 UTC
From: johnherks
Topic: 2174 Message: 2174

Hello,

I was playing around with power on functions on my 535D and found that if you hold the function button while turning on the power switch it will reset the memory channels on the radio and default to 10.000 MHz am.

John

2175. Re: [nrd-525-535] 535D Memory Reset

Yahoo group: nrd-525-535
Date: 2010-04-09 03:47:26 UTC
From: Brian Denley
Topic: 2174 Message: 2175

Interesting. Sound similar to what the software 'Z' command does
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "johnherks" <john@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Thursday, April 08, 2010 11:13 PM
Subject: [nrd-525-535] 535D Memory Reset

Hello,

I was playing around with power on functions on my 535D and found that if
you hold the function button while turning on the power switch it will reset
the memory channels on the radio and default to 10.000 MHz am.

John

2176. RE: [nrd-525-535] 535D Memory Reset

Yahoo group: nrd-525-535
Date: 2010-04-09 09:32:40 UTC
From: Charles Bolland
Topic: 2174 Message: 2176

John,

that's in the Operating Manual.

Chuck

From: nrd-525-535@yahoogroups.com
[mailto:nrd-525-535@yahoogroups.com] On Behalf Of
johnherks
Sent: Friday, April 09, 2010 03:13
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] 535D Memory Reset

Hello,

I was playing around with power on functions on my 535D
and found that if you hold the function button while
turning on the power switch it will reset the memory
channels on the radio and default to 10.000 MHz am.

John

2177. Re: NRD-525 Repairs

Yahoo group: nrd-525-535
Date: 2010-04-09 14:57:49 UTC
From: sjotrollet
Topic: 794 Message: 2177

Not being born yesterday (although late evening of the day before) by "high sensitivity" I'm referring to the number of microvolts for 10db quieting. Down here in Dixieland, we refer to "more" in numbers as being "higher". I think you're talking "quality" and I'm talking "numbers"

--- In nrd-525-535@yahoogroups.com, heiseyamfm@... wrote:
>
> Do you mean low sensitivity ? High sensitivity is a good thing !
>
>
> In a message dated 4/6/2010 5:22:36 P.M. Central Daylight Time,
> sjotrollet@... writes:
>
>
>
>
> Anyone out there know of anyone or shop (that knows what they're
> doing) to take on repairs of a NRD-525? Got one here that
> suffers from high sensitivity (around 50uv) over the entire range.
> Had a nearby lightning hit and I think there is an internal
> lightning arrestor inside it and that getting blown would
> explain the high sensitivity.
> 73
> Walt (N4GL)
>

2178. Re: [nrd-525-535] Re: NRD-525 Repairs

Yahoo group: nrd-525-535
Date: 2010-04-09 15:17:01 UTC
From: gandalfg8@aol.com
Topic: 794 Message: 2178

In a message dated 09/04/2010 16:07:03 GMT Daylight Time,
sjotrollet@... writes:

Not being born yesterday (although late evening of the day before) by
"high sensitivity" I'm referring to the number of microvolts for
10db quieting. Down here in Dixieland, we refer to "more" in numbers
as being "higher". I think you're talking "quality" and I'm talking
"numbers"

"High sensitivity" does mean "more", it implies more sensitivity, and the
more sensitive a radio is, ie having higher sensitivity, the weaker the
signals it will respond to.

Sorry, but it's got nothing to do with whether or not you're talking
quality or numbers it's to do with understanding what you're talking about.
Nobody who understands anything about receiver performance would ever
refer to a receiver that needs an unusually strong signal to achieve 10dB
quieting as having "higher sensitivity".

regards

Nigel
GM8PZR

2179. trouble with cleaning

Yahoo group: nrd-525-535
Date: 2010-04-26 10:21:41 UTC
From: guiomar alonso
Topic: 2179 Message: 2179

Hi,

My name is Pepe, I am Spanish and this one is
my first message and I want to congratulate all on this magnificent idea.

I have a problem with my JRC 525: when I press
the numbers to introduce the frequency, it is as if it was dirty within, but I
have to press several times in order that the number appears. I want to know
how I can clean the connections, which sure have got dirty with the passage of
time and with the use.
If there exists some link, thanks for
indicating it to me in order that I could make it.

Best regards.

(sorry for my english)

Pepe

2180. NRD-525 Rep[airs

Yahoo group: nrd-525-535
Date: 2010-04-26 13:49:50 UTC
From: sjotrollet
Topic: 2180 Message: 2180

Anyone know a dependable (i.e. knows what he's doing) repair place
for a 525 with low sensitivity. Had nearby lightning hit and now
about 25uv sensitivity.
Barring that, anyone know of a source to buy a used model? (the
current one would then become a "hangar queen")
Tks
Walt (N4GL)

2181. RE: [nrd-525-535] NRD-525 Rep[airs

Yahoo group: nrd-525-535
Date: 2010-04-26 15:39:42 UTC
From: Charles Bolland
Topic: 2180 Message: 2181

Sir,

Please answer me via my email:

If you replace IC1 on the CFL-205 board, you should get
your sensitivity back to normal.

The IC1 is part number: SN74LS145N

You can get that part from Mouser.

When I replaced that IC1 the first time, I installed an
IC holder into the circuit
instead of installing the IC1 directly into the circuit
board. Then I purchased
a couple extra IC1's to install just in case my
receiver ever needed a new one?

Please let me know if you got this Walt.

Chuck
ka4prf
ka4prf@...

From: nrd-525-535@yahoogroups.com
[mailto:nrd-525-535@yahoogroups.com] On Behalf Of
sjotrollet
Sent: Monday, April 26, 2010 13:50
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] NRD-525 Rep[airs

Anyone know a dependable (i.e. knows what he's doing)
repair place
for a 525 with low sensitivity. Had nearby lightning
hit and now
about 25uv sensitivity.
Barring that, anyone know of a source to buy a used
model? (the
current one would then become a "hangar queen")
Tks
Walt (N4GL)

2182. Scratch repair and paint

Yahoo group: nrd-525-535
Date: 2010-04-27 23:09:43 UTC
From: Marlin
Topic: 2182 Message: 2182

I have acquired a JRC NRD-525 that is beautiful working condition, but it has a few light to medium scratches on the case.

I would like to restore it. Does anyone know how to match the paint?

2183. RE: [nrd-525-535] Scratch repair and paint

Yahoo group: nrd-525-535
Date: 2010-04-28 02:12:16 UTC
From: Charles Bolland
Topic: 2182 Message: 2183

Marlin,

A few weeks ago someone suggested taking the cover to a auto paint shop where
the paint could be matched and applied with the characteristic finish. Don't
know if this works, but it sounds good.

chuck

_____

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of Marlin
Sent: Tuesday, April 27, 2010 23:10
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Scratch repair and paint

I have acquired a JRC NRD-525 that is beautiful working condition, but it has a few light to medium scratches on the case.

I would like to restore it. Does anyone know how to match the paint?

2184. RE: [nrd-525-535] Scratch repair and paint

Yahoo group: nrd-525-535
Date: 2010-04-28 03:25:03 UTC
From: Marlin
Topic: 2182 Message: 2184

Yes, I treat my radios like fine cars. :)

--- On Tue, 4/27/10, Charles Bolland <ka4prf@...> wrote:

From: Charles Bolland <ka4prf@peoplepc.com>
Subject: RE: [nrd-525-535] Scratch repair and paint
To: nrd-525-535@yahoogroups.com
Date: Tuesday, April 27, 2010, 9:12 PM

Marlin,

A few
weeks ago someone suggested taking the cover to a auto paint shop where

the
paint could be matched and applied with the characteristic finish.
Don't
know
if this works, but it sounds good.

chuck

From: nrd-525-535@ yahoogroups. com
[mailto:nrd- 525-535@yahoogro ups.com] On Behalf Of Marlin
Sent:
Tuesday, April 27, 2010 23:10
To:
nrd-525-535@ yahoogroups. com
Subject: [nrd-525-535] Scratch repair and
paint

I have acquired a JRC NRD-525 that is beautiful working condition, but it has
a few light to medium scratches on the case.

I would like to restore it.
Does anyone know how to match the paint?

2185. NRD-525 Encoder interface

Yahoo group: nrd-525-535
Date: 2010-05-05 22:08:20 UTC
From: gm4toe
Topic: 2185 Message: 2185

I know it has been discussed here in the past but now I have a 525 on the bench which functions perfectly EXCEPT the main tuning control does not work. Discussion has centred on IC6 (made of unobtanium!) and that certainly seems to be where the problem lies.

The encoder is funtioning as expected, pulses are seen at the input to IC6 and the various other inputs/outputs appear to have pulse trains on them but I find it difficult to establish if turning the encoder actually affects these pulses (I think not)

Has anyone come up with a workaround or even found a source for the LR3671D (or its datasheet) - I have done the obvious of re-soldering the device to no avail. I guess the interface is some sort of microcontroller decoding the pulses and putting the relevant signals onto the control bus, but there my wit and wisdom give up!

Regards

Barry GM4TOE

2186. Re: [nrd-525-535] NRD-525 Encoder interface

Yahoo group: nrd-525-535
Date: 2010-05-06 00:27:47 UTC
From: john
Topic: 2185 Message: 2186

Does IC6 have a manufacturer logo/part number on it, or is it a custom ?
I'd think a standard part , since in that era, low volume custom parts
didn't happen cheaply .
I have access to some tools which might help identify/source such a part
if we can identify it.

John k5mo

At 06:08 PM 5/5/2010, you wrote:
>I know it has been discussed here in the past but now I have a 525 on the
>bench which functions perfectly EXCEPT the main tuning control does not
>work. Discussion has centred on IC6 (made of unobtanium!) and that
>certainly seems to be where the problem lies.
>
>The encoder is funtioning as expected, pulses are seen at the input to IC6
>and the various other inputs/outputs appear to have pulse trains on them
>but I find it difficult to establish if turning the encoder actually
>affects these pulses (I think not)
>
>Has anyone come up with a workaround or even found a source for the
>LR3671D (or its datasheet) - I have done the obvious of re-soldering the
>device to no avail. I guess the interface is some sort of microcontroller
>decoding the pulses and putting the relevant signals onto the control bus,
>but there my wit and wisdom give up!
>
>Regards
>
>Barry GM4TOE
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

2187. Re: NRD-525 Encoder interface

Yahoo group: nrd-525-535
Date: 2010-05-06 07:50:13 UTC
From: gm4toe
Topic: 2185 Message: 2187

There is no logo or manufacturer name on the part but the device number is LR3671D

Barry GM4TOE

--- In nrd-525-535@yahoogroups.com, john <johnmb@...> wrote:
>
> Does IC6 have a manufacturer logo/part number on it, or is it a custom ?
> I'd think a standard part , since in that era, low volume custom parts
> didn't happen cheaply .
> I have access to some tools which might help identify/source such a part
> if we can identify it.
>
> John k5mo
>
>
> At 06:08 PM 5/5/2010, you wrote:
> >I know it has been discussed here in the past but now I have a 525 on the
> >bench which functions perfectly EXCEPT the main tuning control does not
> >work. Discussion has centred on IC6 (made of unobtanium!) and that
> >certainly seems to be where the problem lies.
> >
> >The encoder is funtioning as expected, pulses are seen at the input to IC6
> >and the various other inputs/outputs appear to have pulse trains on them
> >but I find it difficult to establish if turning the encoder actually
> >affects these pulses (I think not)
> >
> >Has anyone come up with a workaround or even found a source for the
> >LR3671D (or its datasheet) - I have done the obvious of re-soldering the
> >device to no avail. I guess the interface is some sort of microcontroller
> >decoding the pulses and putting the relevant signals onto the control bus,
> >but there my wit and wisdom give up!
> >
> >Regards
> >
> >Barry GM4TOE
> >
> >
> >
> >------------------------------------
> >
> >Yahoo! Groups Links
> >
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> >
>

2188. RE: [nrd-525-535] Re: NRD-525 Encoder interface

Yahoo group: nrd-525-535
Date: 2010-05-06 18:22:17 UTC
From: Notareal
Topic: 2185 Message: 2188

Someone else has found new ones from Yahoo japan.
See:
http://groups.yahoo.com/group/nrd-525-535/message/1457

_____
Your E-mail and More On-the-Go. Get Windows Live Hotmail Free.
https://signup.live.com/signup.aspx?id=60969

2189. 525 HF Board

Yahoo group: nrd-525-535
Date: 2010-05-06 23:34:31 UTC
From: sjotrollet
Topic: 2189 Message: 2189

I have a NRD-525 that is suffering from a nearby lightning hit.
The sens has gone south, to the tune of about 25uv. A friend who
is good on PCB's traced the problem to the HF board.
Question is, is there a source for the entire board? Should I just
scrap the set and look to buy another used total set? My household
insurance kicked out enough to buy a used set and then I could
part out this one.
Any advice will be helpful and appreciated.
73
Walt (N4GL)

2190. Re: [nrd-525-535] 525 HF Board

Yahoo group: nrd-525-535
Date: 2010-05-07 17:22:23 UTC
From: John Reed
Topic: 2189 Message: 2190

If you can find replacement 2SK125 transistors, replace the first two in the RF amplifier. That may fix it.

John Reed

----- Original Message -----
From: sjotrollet
To: nrd-525-535@yahoogroups.com
Sent: Thursday, May 06, 2010 5:34 PM
Subject: [nrd-525-535] 525 HF Board

I have a NRD-525 that is suffering from a nearby lightning hit.
The sens has gone south, to the tune of about 25uv. A friend who
is good on PCB's traced the problem to the HF board.
Question is, is there a source for the entire board? Should I just
scrap the set and look to buy another used total set? My household
insurance kicked out enough to buy a used set and then I could
part out this one.
Any advice will be helpful and appreciated.
73
Walt (N4GL)

2191. Re: 525 HF Board

Yahoo group: nrd-525-535
Date: 2010-05-07 20:23:09 UTC
From: g3vvt@aol.com
Topic: 2189 Message: 2191

Hi Walt,

Would not give up hope on the matter as probably can be fixed.

First it needs testing on all bands with a reasonable signal generator to find what bands are faulty and can be worked on bit by bit after that. I had to fix an NRD-515 that had suffered with a nearby lightning strike and where somebody had foolishly removed the front end protection diodes. In the end it was found that a large number of the PIN band switching diodes had gone together with the BCD to decimal IC that does the band switching Also the U310 balanced mixer FET pair had gone. Note that these were all semiconductor devices of one kind or another. I have a working NRD-515 to compare with which helped. Took time, but got there in the end mainly using a signal generator and RF millivoltmeter to test section by section. The NRD-515 is easier to work on as JRC provided removable links for testing. The protection diodes were definitely re-installed afterwards!

Will have a study of the NRD-525 service information over the weekend to see what may need changing.

Regards,
Bob, G3VVT

2192. Re: 525 HF Board

Yahoo group: nrd-525-535
Date: 2010-05-11 14:43:44 UTC
From: g3vvt@aol.com
Topic: 2189 Message: 2192

Hi Walt,

The arrangement of the NRD-525 is similar in many ways to the NRD-515 repaired here after a nearby lightning strike. There are protection/arrestor diodes CD1, 2, 3, 4 at the antenna input which have to be checked. When testing with a VOM and you see S/C both ways on each diode, this can indicate the diode is blown as normally there should be a low reading through each diode in one direction only. You may have to remove the diodes from the PCB to test properly. It may be that these diodes have protected the rest of the CFL-205 HF PCB unless they have been removed as happened in my case, resulting in all semiconductor devices involved in the path being destroyed.

From there the signal path is via PIN diodes CD5 through CD16 plus CD52 and CD53. Any of these could have been fried so check for O/C or S/C both ways on each and that the switching voltage is present on the correct band. Voltage is present when the diode is asked to pass the signal and with no voltage the diode blocks the path. This is controlled by IC1 a 74LS145P BCD to decimal decoder which switches the diodes under CPU control. This may have also been fried.

There is a TP marked (1) after the RF amp which will allow testing of the bandpass filters and RF amp from the antenna socket, but unfortunately no removable link like in the NRD-515 to test the front end in isolation. I would test each of the band modules for attenuation using a signal generator on spot frequencies and an RF millivoltmeter with probe to localize the fault. Could also use a sweep generator and detector + o'scope or a spectrum analyzer with tracking generator to see better the effect of the passband if available.

The RF amp uses a pair of 2SK125 as does the balanced mixer, all of which may be suspect. I would try Siliconix J310 FET in this position if the original is not obtainable.

Not rocket science to repair, but with careful testing should be traceable. Presume the fault will be restricted to the active devices and switching diodes unless you are unlucky.

Regards,
Bob, G3VVT

2193. software

Yahoo group: nrd-525-535
Date: 2010-05-29 00:32:53 UTC
From: chuck sayers
Topic: 2193 Message: 2193

Hi all, being the proud new owner of a 535D, I was looking for the software that Mark Fine put out a few years ago. I have tried several sites but I always get a blank page for some reason. I have tried the on RXcommander-2 bu would like to try the fineware version. I have the Fineware for the Drake R8A and like the way it works so if anybody has a copy of it could it be put in the files section?
Two quick questions: first on the agc hang time, it is very excessive I see some mods in the files section but was wondering what you guys in the group did to fix this problem. I would like to see it operate like the Drake.
Second question: My display flickers like it is following the audio signal like on static crashes etc. it's not bad but it just doesn't seem right.
Other than the two aforementioned problems I love the receiver, and the price I got it for. It definitely a keeper.

Thanks

Chuck

Chuck Sayers
Harrisburg Pa.
K3ETD
FN10of

2194. Re: [nrd-525-535] software

Yahoo group: nrd-525-535
Date: 2010-05-29 00:55:43 UTC
From: Brian Denley
Topic: 2193 Message: 2194

Chuck:
I use Mark Fine's software here as well. I will look to see if I still have
the install files.
Brian Denley
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "chuck sayers" <wa3gsi@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Friday, May 28, 2010 8:32 PM
Subject: [nrd-525-535] software

> Hi all, being the proud new owner of a 535D, I was looking for the
> software
> that Mark Fine put out a few years ago. I have tried several sites but I
> always get a blank page for some reason. I have tried the on RXcommander-2
> bu would like to try the fineware version. I have the Fineware for the
> Drake R8A and like the way it works so if anybody has a copy of it could
> it
> be put in the files section?
> Two quick questions: first on the agc hang time, it is very excessive I
> see
> some mods in the files section but was wondering what you guys in the
> group
> did to fix this problem. I would like to see it operate like the Drake.
> Second question: My display flickers like it is following the audio signal
> like on static crashes etc. it's not bad but it just doesn't seem right.
> Other than the two aforementioned problems I love the receiver, and the
> price I got it for. It definitely a keeper.
>
> Thanks
>
> Chuck
>
> Chuck Sayers
> Harrisburg Pa.
> K3ETD
> FN10of
>
>
>
>
>

2195. NRD-525 Hard of Hearing

Yahoo group: nrd-525-535
Date: 2010-05-29 17:35:36 UTC
From: sjotrollet
Topic: 2195 Message: 2195

We had a lightning hit about a block away and now have NRD-525 thats kinda deaf (like 25-50 uv sens). I'm no whiz-bang on surface mount tech and solid state but friend who is retired comm engr is playing with it. He thinks the problem is in the HF Tune PCB. He is not too good (anymore - age 83 - so a bit shaky) but at least understands.
Anyone know where the HF Tune Unit PCB (CFL-205) can be obtained since it might be better to just replacee the whole thing?
Also (in addition to the sensitivity) the number pad seems to be acting up in that is unable to change from Khz to Mhz when entering a freq -- its stuck in the Khz mode.
Maybe its not even worth fixing so is there any market for a "hangar queen" (as we used to call a "parts model" in the military)?
Is there anyplace around that fixes them that knows what they're doing and is honest?
Tks & 73
Walt (N4GL)

2196. Re: [nrd-525-535] NRD-525 Hard of Hearing ((((Suggestion))))

Yahoo group: nrd-525-535
Date: 2010-05-29 22:02:40 UTC
From: Jack
Topic: 2196 Message: 2196

Walt, Sir: Just a suggestion. I would give "Universal Radio's Service Department" at 800--431-3939. They seem to me as knowledgeable and "straight shooters" and have, apparently, been a big JRC dealer for some time and their Service Dept. has worked on JRC receivers for sometime, as a result. I am just thinking they would be most likely to know where to obtain a PCB board for the 525 and also give you a good guess, over the telephone, their opinion as to whether the current "problem analysis" is probably accurate or not. Hope this helps. Good Luck! The 525, in good condition, is still revered and in demand as I understand. Respectfully, Tconduce----- Original Message -----
From: sjotrollet
To: nrd-525-535@yahoogroups.com
Sent: Saturday, May 29, 2010 12:35 PM
Subject: [nrd-525-535] NRD-525 Hard of Hearing

We had a lightning hit about a block away and now have NRD-525 thats
kinda deaf (like 25-50 uv sens). I'm no whiz-bang on surface mount
tech and solid state but friend who is retired comm engr is playing
with it. He thinks the problem is in the HF Tune PCB. He is not too
good (anymore - age 83 - so a bit shaky) but at least understands.
Anyone know where the HF Tune Unit PCB (CFL-205) can be obtained
since it might be better to just replacee the whole thing?
Also (in addition to the sensitivity) the number pad seems to be
acting up in that is unable to change from Khz to Mhz when entering
a freq -- its stuck in the Khz mode.
Maybe its not even worth fixing so is there any market for
a "hangar queen" (as we used to call a "parts model" in the military)?
Is there anyplace around that fixes them that knows what they're
doing and is honest?
Tks & 73
Walt (N4GL)

2197. Re: [nrd-525-535] NRD-525 Hard of Hearing ((((Suggestion))))

Yahoo group: nrd-525-535
Date: 2010-05-29 23:29:13 UTC
From: Myteaquinn
Topic: 2196 Message: 2197

Just over a year ago I purchased a filter for my NRD-525 on e-bay, took the radio to Universal and had them install it (I'm not gonna learn how to solder on that radio). Anyway they installed it with no problem and when I went back to get it I noticed several boxes labeled repair parts for the 525, 535, and 545. Hope you get it fixed love mine.
Tom; 30 miles west of Cleveland
NRD-525; NRD-535D; NRD-545
PAR EF-SWL
Eavesdropper-C Dipole
Pro-92; Pro-93; PRO97; BC-895XLT ; GRE PSR-500
multi-band discone

From: Jack <n-o-w@...>
To: nrd-525-535@yahoogroups.com
Cc: Jack <n-o-w@...>
Sent: Sat, May 29, 2010 6:02:40 PM
Subject: Re: [nrd-525-535] NRD-525 Hard of Hearing ((((Suggestion))))

Walt, Sir: Just a suggestion. I would give "Universal Radio's Service Department" at 800--431-3939. They seem to me as knowledgeable and "straight shooters" and have, apparently, been a big JRC dealer for some time and their Service Dept. has worked on JRC receivers for sometime, as a result. I am just thinking they would be most likely to know where to obtain a PCB board for the 525 and also give you a good guess, over the telephone, their opinion as to whether the current "problem analysis" is probably accurate or not. Hope this helps. Good Luck! The 525, in good condition, is still revered and in demand as I understand. Respectfully, Tconduce----- Original Message -----
From: sjotrollet
>To: nrd-525-535@ yahoogroups. com
>Sent: Saturday, May 29, 2010 12:35 PM
>Subject: [nrd-525-535] NRD-525 Hard of Hearing
>
>
>We had a lightning hit about a block away and now have NRD-525 thats
>kinda deaf (like 25-50 uv sens). I'm no whiz-bang on surface mount
>tech and solid state but friend who is retired comm engr is playing
>with it. He thinks the problem is in the HF Tune PCB. He is not too
>good (anymore - age 83 - so a bit shaky) but at least understands.
>Anyone know where the HF Tune Unit PCB (CFL-205) can be obtained
>since it might be better to just replacee the whole thing?
>Also (in addition to the sensitivity) the number pad seems to be
>acting up in that is unable to change from Khz to Mhz when entering
>a freq -- its stuck in the Khz mode.
>Maybe its not even worth fixing so is there any market for
>a "hangar queen" (as we used to call a "parts model" in the military)?
>Is there anyplace around that fixes them that knows what they're

>doing and is honest?
>Tks & 73
>Walt (N4GL)
>
>

2198. How I can dismantle the main tuning control?

Yahoo group: nrd-525-535
Date: 2010-06-02 22:58:49 UTC
From: guiomar alonso
Topic: 2198 Message: 2198

Hi,

I want to clean the connections of the frontal and need to extract the control of tunning, but not that key or tool to use. Can someone help me?

Thanks in advance.

José

2200. Offered -Mains transformer from NRD-525 - Basildon UK

Yahoo group: nrd-525-535
Date: 2010-06-20 12:20:42 UTC
From: Alan
Topic: 2200 Message: 2200

I have the mains transformer from my NRD-525 which was dropped.
All internal boards sold but nobody on eBay seemed intersted in the transformer.

Rather than throw it in the bin, if anyone wishes to either collect or pay for the postage costs then I'd rather give it away than bin it.

Alan

2201. Re: How I can dismantle the main tuning control?

Yahoo group: nrd-525-535
Date: 2010-07-09 00:04:55 UTC
From: johnherks
Topic: 2198 Message: 2201

Hi José,

Remove the VFO knob by carefully removing the outer round rubber ring on the VFO knob. You will then find a small hole which you can insert the appropriate size allen key to losen the grub screw which holds the VFO Knob on the VFO shaft.

Rgds,

John

--- In nrd-525-535@yahoogroups.com, guiomar alonso <bo220199da@...> wrote:
>
> Hi,
>
> I want to clean the connections of the frontal and need to extract the control of tunning, but not that key or tool to use. Can someone help me?
>
> Thanks in advance.
>
> José
>

2202. Re: [nrd-525-535] Re: How I can dismantle the main tuning control?

Yahoo group: nrd-525-535
Date: 2010-07-09 08:14:58 UTC
From: guiomar alonso
Topic: 2198 Message: 2202

Hi John,

Thanks for your indication. I´m trying it.

Thanks again

Jose

De: johnherks <john@jainternational.com>
Para: nrd-525-535@yahoogroups.com
Enviado: vie,9 julio, 2010 02:04
Asunto: [nrd-525-535] Re: How I can dismantle the main tuning control?

Hi José,

Remove the VFO knob by carefully removing the outer round rubber ring on the VFO knob. You will then find a small hole which you can insert the appropriate size allen key to losen the grub screw which holds the VFO Knob on the VFO shaft.

Rgds,

John

--- In nrd-525-535@yahoogroups.com, guiomar alonso <bo220199da@...> wrote:
>
> Hi,
>
> I want to clean the connections of the frontal and need to extract the control of tunning, but not that key or tool to use. Can someone help me?
>
> Thanks in advance.
>
> José
>

2204. Re: [nrd-525-535] NRD-535 BOARDS

Yahoo group: nrd-525-535
Date: 2010-07-16 02:44:15 UTC
From: mparkinson1
Topic: 2203 Message: 2204

Do you have the front face plate or cover if so how much.
I might interested in the ECSS board also thanks.
Matt Parkinson Military Equipment & R 390A Depot Center

2206. Re: NRD-535 BOARDS

Yahoo group: nrd-525-535
Date: 2010-07-16 14:53:29 UTC
From: joeimbrogno
Topic: 2203 Message: 2206

--- In nrd-525-535@yahoogroups.com, "mparkinson1" <mparkinson1@...> wrote:
>
> Do you have the front face plate or cover if so how much.
> I might interested in the ECSS board also thanks.
> Matt Parkinson Military Equipment & R 390A Depot Center
>

Hello Matt,

I do have the front face plate but it is in need of small repair. One of the board mounting standoffs (top Right side) is missing. I think that a piece of 1/4" round teflon can be glued in it's place and drilled out to accept the mounting screw. I must mention that the face plate has a small amount of glue on it that was done by the previous owner, but it is not that noticable. All of the buttons and other hardware are new though and are certainly worth the asking price alone.
I would ask $90.00 for it plus shipping.

Let me know of your interest.
Regards,
Joe

2208. Re: [nrd-525-535] Re: NRD-535 BOARDS

Yahoo group: nrd-525-535
Date: 2010-07-17 18:26:47 UTC
From: mparkinson1
Topic: 2203 Message: 2208

Thanks for the reply on the front panel.
I really don't need another panel I have to repair.
I have connections with JRC being I work for another Japanese company so we have good contacts with other Japanese companies.
I bought a front board for my NRD 535D upgraded it to a H version and found that the front panel has a crack at the scan up or down functions.
I contacted JRC and they told me they have the front panel and my price was 45.00 plus shipping of course that is my price no the public which was a 120.00 I told them no thanks because I had way to much money tied up in this radio already.
Your price is out of my price line also.
And the fact that I would have to make repairs to it also no thanks.
I am trying to get away from make more repairs if possible for the least amount of trouble.
Thanks for the offer and good luck on selling your boards hope you get what you need to break even or so.
You take care now.
Matt Parkinson Military Equipment & R 390A Depot Center

2209. Re: NRD-535 BOARDS

Yahoo group: nrd-525-535
Date: 2010-07-17 22:34:00 UTC
From: joeimbrogno
Topic: 2203 Message: 2209

Matt,

No problem.

Thanks for your reply. I once myself worked for seven years and retired from the largest "Japanese" company.

Have a great weekend and good luck with the 535D!
Joe

--- In nrd-525-535@yahoogroups.com, "mparkinson1" <mparkinson1@...> wrote:
>
> Thanks for the reply on the front panel.
> I really don't need another panel I have to repair.
> I have connections with JRC being I work for another Japanese company so we have good contacts with other Japanese companies.
> I bought a front board for my NRD 535D upgraded it to a H version and found that the front panel has a crack at the scan up or down functions.
> I contacted JRC and they told me they have the front panel and my price was 45.00 plus shipping of course that is my price no the public which was a 120.00 I told them no thanks because I had way to much money tied up in this radio already.
> Your price is out of my price line also.
> And the fact that I would have to make repairs to it also no thanks.
> I am trying to get away from make more repairs if possible for the least amount of trouble.
> Thanks for the offer and good luck on selling your boards hope you get what you need to break even or so.
> You take care now.
> Matt Parkinson Military Equipment & R 390A Depot Center
>

2210. JRC NRD-535D Tested Boards and Radio Parts.

Yahoo group: nrd-525-535
Date: 2010-07-24 03:40:46 UTC
From: joeimbrogno
Topic: 2210 Message: 2210

Hello all.

Here is an update:
I currently have available for sale tested boards from my NRD-535D.
Also available is nearly everything else with some exceptions.
Please email me with your needs. I am parting out the radio, so let me know what you need.

Here are the boards available:
a)CFH-36A - IF FILTER Board available - (1000hz filter sold)
b)CFL-243 - BWC (SOLD)
c)CAE-227 - IF AMP
d)CMF-78 - ECSS (SOLD)
e)CGA-145 - LOOP1
f)CGK127A - REF/DDS
g)CDC493AD - CPU
h)CFQ3597 - MOTHERBOARD
i)Top and Bottom cases etc:

Have a safe and productive day!
Joe

2211. NRD-535 tested boards and other parts.

Yahoo group: nrd-525-535
Date: 2010-07-24 03:43:59 UTC
From: joeimbrogno
Topic: 2211 Message: 2211

Hello all.

I currently have available for sale tested boards from my NRD-535D.
Also available is nearly everything else with some exceptions.
Please email me with your needs. I am parting out the radio so just ask for the items you need.

Here are the boards available:
a)CFH-36A - IF FILTER BOARD - (1000hz filter sold)
b)CFL-243 - BWC (SOLD)
c)CAE-227 - IF AMP
d)CMF-78 - ECSS (SOLD)
e)CGA-145 - LOOP1
f)CGK127A - REF/DDS
g)CDC493AD - CPU
h)CFQ3597 - MOTHERBOARD
i)Top and Bottom cases etc:

Have a safe and productive day!
Joe

2212. JRC NRD-535D

Yahoo group: nrd-525-535
Date: 2010-09-27 02:01:45 UTC
From: joeimbrogno
Topic: 2212 Message: 2212

I still have many cards left and the receiver without the plastic front and board. I have all new push buttons, some knobs, the vco, power supply, main board +++++. Please email me with your needs. I can provide a photo if you include an email address. I am also willing to sell all of it as one item.
Thanks for yur consideration.
73,
Joe W3RVN

2213. Re: JRC NRD-535D

Yahoo group: nrd-525-535
Date: 2010-09-27 07:39:20 UTC
From: John
Topic: 2212 Message: 2213

HI Joe

I would like a new main tuning knob and a new flourescent display.

Regards John
VK2XCQ

--- In nrd-525-535@yahoogroups.com, "joeimbrogno" <glassman1@...> wrote:
>
> I still have many cards left and the receiver without the plastic front and board. I have all new push buttons, some knobs, the vco, power supply, main board +++++. Please email me with your needs. I can provide a photo if you include an email address. I am also willing to sell all of it as one item.
> Thanks for yur consideration.
> 73,
> Joe W3RVN
>

2214. RE: [nrd-525-535] JRC NRD-535D

Yahoo group: nrd-525-535
Date: 2010-09-27 10:56:30 UTC
From: Charles Bolland
Topic: 2212 Message: 2214

Joe,

Do you have any screws for the covers that you can
spare. I have lost a few from
my NRD535.

tHANKS

Chuck Bolland
ka4prf@...

_____

From: nrd-525-535@yahoogroups.com
[mailto:nrd-525-535@yahoogroups.com] On Behalf Of
joeimbrogno
Sent: Monday, September 27, 2010 02:02
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] JRC NRD-535D

I still have many cards left and the receiver without
the plastic front and board. I have all new push
buttons, some knobs, the vco, power supply, main board
+++++. Please email me with your needs. I can provide a
photo if you include an email address. I am also
willing to sell all of it as one item.
Thanks for yur consideration.
73,
Joe W3RVN

2215. NRD-525 Hard of Hearing

Yahoo group: nrd-525-535
Date: 2010-09-27 16:40:04 UTC
From: WalterT
Topic: 2195 Message: 2215

Anyone know of a place that repairs 525's? Preferable in SE US.
Got one that sens has gone up to about 25 uv.
73
Walt (N4GL)

2216. Re: [nrd-525-535] NRD-525 Hard of Hearing

Yahoo group: nrd-525-535
Date: 2010-09-27 19:41:46 UTC
From: gene stockdale
Topic: 2195 Message: 2216

UNVERSAL RADIO WOKS ON THEM.

--- On Mon, 9/27/10, WalterT <sjotrollet@yahoo.com> wrote:

From: WalterT <sjotrollet@...>
Subject: [nrd-525-535] NRD-525 Hard of Hearing
To: nrd-525-535@yahoogroups.com
Date: Monday, September 27, 2010, 9:40 AM

Anyone know of a place that repairs 525's? Preferable in SE US.
Got one that sens has gone up to about 25 uv.
73
Walt (N4GL)

2217. Re: JRC NRD-535D

Yahoo group: nrd-525-535
Date: 2010-09-28 21:28:50 UTC
From: joeimbrogno
Topic: 2212 Message: 2217

John,
I do not have the tuning knob but I do have the front display card JRC CDE-705 that is untested and may need repaired. I am going to opost a photo if possible of what I have left of the JRC NRD-535D.

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> HI Joe
>
> I would like a new main tuning knob and a new flourescent display.
>
> Regards John
> VK2XCQ
>
> --- In nrd-525-535@yahoogroups.com, "joeimbrogno" <glassman1@> wrote:
> >
> > I still have many cards left and the receiver without the plastic front and board. I have all new push buttons, some knobs, the vco, power supply, main board +++++. Please email me with your needs. I can provide a photo if you include an email address. I am also willing to sell all of it as one item.
> > Thanks for yur consideration.
> > 73,
> > Joe W3RVN
> >
>

2218. Re: JRC NRD-535D

Yahoo group: nrd-525-535
Date: 2010-09-28 21:30:46 UTC
From: joeimbrogno
Topic: 2212 Message: 2218

Chuck,
Sorry, I do not have any screws. Try Universal Radio or look on Epay.
Regards,
Joe

--- In nrd-525-535@yahoogroups.com, "Charles Bolland" <ka4prf@...> wrote:
>
> Joe,
>
> Do you have any screws for the covers that you can
> spare. I have lost a few from
> my NRD535.
>
> tHANKS
>
> Chuck Bolland
> ka4prf@...
>
>
>
> _____
>
> From: nrd-525-535@yahoogroups.com
> [mailto:nrd-525-535@yahoogroups.com] On Behalf Of
> joeimbrogno
> Sent: Monday, September 27, 2010 02:02
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] JRC NRD-535D
>
>
>
>
>
> I still have many cards left and the receiver without
> the plastic front and board. I have all new push
> buttons, some knobs, the vco, power supply, main board
> +++++. Please email me with your needs. I can provide a
> photo if you include an email address. I am also
> willing to sell all of it as one item.
> Thanks for yur consideration.
> 73,
> Joe W3RVN
>

2219. Re: NRD-535 tested boards and other parts.

Yahoo group: nrd-525-535
Date: 2010-09-28 21:33:13 UTC
From: joeimbrogno
Topic: 2211 Message: 2219

--- In nrd-525-535@yahoogroups.com, "joeimbrogno" <glassman1@...> wrote:
>
> Hello all.
>
> I currently have available for sale tested boards from my NRD-535D.
> Also available is nearly everything else with some exceptions.
> Please email me with your needs. I am parting out the radio so just ask for the items you need.
>
> Here are the boards available:
> a)CFH-36A - IF FILTER BOARD - (1000hz filter sold)
> b)CFL-243 - BWC (SOLD)
> c)CAE-227 - IF AMP
> d)CMF-78 - ECSS (SOLD)
> e)CGA-145 - LOOP1
> f)CGK127A - REF/DDS
> g)CDC493AD - CPU
> h)CFQ3597 - MOTHERBOARD
> i)Top and Bottom cases etc:

+++PLEASE EMAIL ME FOR PHOTOS+++
>
> Have a safe and productive day!
> Joe
>

2221. RE: [nrd-525-535] Re: JRC NRD-535D

Yahoo group: nrd-525-535
Date: 2010-09-29 09:20:19 UTC
From: Charles Bolland
Topic: 2212 Message: 2221

Joe,

Okay on not having the screws. I was wondering why
you are selling
the boards individually rather than the entire
receiver? I realize that
it's very expensive to get these receivers repaired by
Universal.

Chuck

_____

From: nrd-525-535@yahoogroups.com
[mailto:nrd-525-535@yahoogroups.com] On Behalf Of
joeimbrogno
Sent: Tuesday, September 28, 2010 21:31
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: JRC NRD-535D

Chuck,
Sorry, I do not have any screws. Try Universal Radio or
look on Epay.
Regards,
Joe

--- In nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com> , "Charles
Bolland" <ka4prf@...> wrote:
>
> Joe,
>
> Do you have any screws for the covers that you can
> spare. I have lost a few from
> my NRD535.
>
> tHANKS
>
> Chuck Bolland
> ka4prf@...
>
>
>
> _____
>
> From: nrd-525-535@yahoogroups.com

<mailto:nrd-525-535%40yahoogroups.com>
> [mailto:nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com>] On Behalf Of
> joeimbrogno
> Sent: Monday, September 27, 2010 02:02
> To: nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com>
> Subject: [nrd-525-535] JRC NRD-535D
>
>
>
>
> I still have many cards left and the receiver without
> the plastic front and board. I have all new push
> buttons, some knobs, the vco, power supply, main
board
> +++++. Please email me with your needs. I can provide
a
> photo if you include an email address. I am also
> willing to sell all of it as one item.
> Thanks for yur consideration.
> 73,
> Joe W3RVN
>

2222. Re: JRC NRD-535D

Yahoo group: nrd-525-535
Date: 2010-09-29 10:20:12 UTC
From: John
Topic: 2212 Message: 2222

Hi Joe

You can email me the photos of what you have left.
adams@liveinter.net.au

Regards john

--- In nrd-525-535@yahoogroups.com, "joeimbrogno" <glassman1@...> wrote:
>
> John,
> I do not have the tuning knob but I do have the front display card JRC CDE-705 that is untested and may need repaired. I am going to opost a photo if possible of what I have left of the JRC NRD-535D.
>
> --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> >
> > HI Joe
> >
> > I would like a new main tuning knob and a new flourescent display.
> >
> > Regards John
> > VK2XCQ
> >
> > --- In nrd-525-535@yahoogroups.com, "joeimbrogno" <glassman1@> wrote:
> > >
> > > I still have many cards left and the receiver without the plastic front and board. I have all new push buttons, some knobs, the vco, power supply, main board +++++. Please email me with your needs. I can provide a photo if you include an email address. I am also willing to sell all of it as one item.
> > > Thanks for yur consideration.
> > > 73,
> > > Joe W3RVN
> > >
> >
>

2223. JRC NRD-535D

Yahoo group: nrd-525-535
Date: 2010-10-11 21:45:30 UTC
From: joeimbrogno
Topic: 2212 Message: 2223

Hello All,

Sorry, but due to financial needs I was forced to put the NRD-535D parts radio on Epay. It is listed this week and ends Sunday.

Thanks to all for your your interest.

73,
Joe W3RVN

2224. S Meter RF Gain Reversed?

Yahoo group: nrd-525-535
Date: 2010-10-24 20:14:39 UTC
From: allan.grant2416@btinternet.com
Topic: 2224 Message: 2224

I purchased a good used 525 a few months ago and have found only one issue with operating the radio, namely the RF gain control. When turning the RF gain down the S meter appears to go up in value. When I do the same with an external attenuator the S meter responds properly with a drop in reading following a reduction in the signal level. My question is, is the RF gain control working correctly?

2225. Re: [nrd-525-535] S Meter RF Gain Reversed?

Yahoo group: nrd-525-535
Date: 2010-10-24 20:33:05 UTC
From: Steve
Topic: 2224 Message: 2225

this is correct, the RF gain control reduces gain by adding extra
voltage to the AGC rail, which is indicated on the S meter, any signals
stronger than the value set by the RF gain control will read normally

Steve

> I purchased a good used 525 a few months ago and have found only one
> issue with operating the radio, namely the RF gain control. When
> turning the RF gain down the S meter appears to go up in value. When I
> do the same with an external attenuator the S meter responds properly
> with a drop in reading following a reduction in the signal level. My
> question is, is the RF gain control working correctly?
>
>

2226. Re: [nrd-525-535] S Meter RF Gain Reversed?

Yahoo group: nrd-525-535
Date: 2010-10-24 23:56:10 UTC
From: Bob Betts
Topic: 2224 Message: 2226

Allan:
You'll find that as you reduce RF Gain, the meter will rise to an incoming signal level necessary to give a similar audio level. In other words, if you were listening to a station that gave a strength of S9 and you reduced the RF Gain so that the meter reads +10dB, then you have essentially taken 10 dB out of the signal path.
It's really more complicated than that, because it has to do with some of the AGC circuits, and on some radios, that reverse action isn't always accurate, but that was the plan about 50-60 years ago with some of the early Military and Government receivers.
The attenuator pads down the signal before the first device (or at least it should be located there) so that intermod can be avoided before the first RF transistor has a chance to produce IM.
Today, on most professional receivers, the S-Meter works as you would intuitively expect it to work -- turn down the RF Gain and the meter drops.

Bob

http://www.bobsamerica.com
* Music * Audio * Radio *
"It's all good"

--- On Sun, 10/24/10, allan.grant2416@... <allan.grant2416@...> wrote:

From: allan.grant2416@... <allan.grant2416@...>
Subject: [nrd-525-535] S Meter RF Gain Reversed?
To: nrd-525-535@yahoogroups.com
Date: Sunday, October 24, 2010, 4:14 PM

I purchased a good used 525 a few months ago and have found only one issue with operating the radio, namely the RF gain control. When turning the RF gain down the S meter appears to go up in value. When I do the same with an external attenuator the S meter responds properly with a drop in reading following a reduction in the signal level. My question is, is the RF gain control working correctly?

2227. Re: S Meter RF Gain Reversed?

Yahoo group: nrd-525-535
Date: 2010-10-25 10:15:28 UTC
From: allan.grant2416@btinternet.com
Topic: 2224 Message: 2227

Many thanks for your replies, had a little play around with it and now I understand the principle behind the control it seems I can effectively use it in conjunction with the attenuator and an external DSP speaker to clean up the audio.

Allan

--- In nrd-525-535@yahoogroups.com, Steve <g4xck@...> wrote:
>
> this is correct, the RF gain control reduces gain by adding extra
> voltage to the AGC rail, which is indicated on the S meter, any signals
> stronger than the value set by the RF gain control will read normally
>
> Steve
>
>
> > I purchased a good used 525 a few months ago and have found only one
> > issue with operating the radio, namely the RF gain control. When
> > turning the RF gain down the S meter appears to go up in value. When I
> > do the same with an external attenuator the S meter responds properly
> > with a drop in reading following a reduction in the signal level. My
> > question is, is the RF gain control working correctly?
> >
> >
>

2228. Turning off the NRD-535D display

Yahoo group: nrd-525-535
Date: 2010-10-26 11:35:09 UTC
From: John
Topic: 2228 Message: 2228

Hi All
I would like to hear your opinions
I have not done this yet but I feel I need to.
As you know the VFD (vacuum fluorescent display) in the 535 has a limited life, as the phosphor gradually burns away. This will make our displays dim and colourless.

I do not use my 535 as much as I would like as my display is very dim and is almost not visible in daylight.

I have been thinking about a mod that will power down the display when it is not needed, like when you have found your station and do not need to look at the display, but you want to listen to the radio.
There is a few advantages:
1, No EMI noise from the display power supply inverters.
2. Less power consumed , less heat in the power supply.
3. Longer life span for the VFD and its power supply.
4. Lower noise floor in the receiver. the VFD inverters make a lot of EMI and its gets into the 535 everywhere.
I think thats it.
I hope to use a front panel switch combination to throw a relay with a bit of simple logic circuitry, that way there is no need to drill and fit extra switches.

Any way, what do you think?
Is there any pitfalls?

Thanks in advance.

Regards John
VK2XCQ

2229. RE: [nrd-525-535] Turning off the NRD-535D display

Yahoo group: nrd-525-535
Date: 2010-10-26 13:36:27 UTC
From: Charles Bolland
Topic: 2228 Message: 2229

John,

I am not tecnically inclined, so I can't recommend the
mod, but when you get
it finished, I would like to have the details. The
part about reducing interference from
the display interests me very much.

Chuck Bolland
ka4prf@...

From: nrd-525-535@yahoogroups.com
[mailto:nrd-525-535@yahoogroups.com] On Behalf Of John
Sent: Tuesday, October 26, 2010 11:35
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Turning off the NRD-535D display

Hi All
I would like to hear your opinions
I have not done this yet but I feel I need to.
As you know the VFD (vacuum fluorescent display) in the
535 has a limited life, as the phosphor gradually burns
away. This will make our displays dim and colourless.

I do not use my 535 as much as I would like as my
display is very dim and is almost not visible in
daylight.

I have been thinking about a mod that will power down
the display when it is not needed, like when you have
found your station and do not need to look at the
display, but you want to listen to the radio.
There is a few advantages:
1, No EMI noise from the display power supply
inverters.
2. Less power consumed , less heat in the power supply.
3. Longer life span for the VFD and its power supply.
4. Lower noise floor in the receiver. the VFD inverters
make a lot of EMI and its gets into the 535 everywhere.
I think thats it.
I hope to use a front panel switch combination to throw
a relay with a bit of simple logic circuitry, that way
there is no need to drill and fit extra switches.

Any way, what do you think?
Is there any pitfalls?

Thanks in advance.

Regards John
VK2XCQ

2230. New parts for a 535 wanted

Yahoo group: nrd-525-535
Date: 2010-11-02 22:40:16 UTC
From: John
Topic: 2230 Message: 2230

Hi all

Does any one know who or where I can get a new VFD for my 535.
Is there a JRC parts dealer out there in any country in the world, I do not mind where I can get it.

Thank in advance.

Regards John

2231. Re: Turning off the NRD-535D display

Yahoo group: nrd-525-535
Date: 2010-11-02 22:57:37 UTC
From: John
Topic: 2228 Message: 2231

Hi Chuck

What are your thoughts?

I am thinking about an auto turn off the display after 1 minute would be the easiest to do and it is simpler to install as there is no modifications to the front panel to do. and if you forget, it turns off the display for you.

I am thinking of using the keyboard strobe level or tuning knob encoder index level to reactivate the display, this would restart the count-down timer, the display would stay active for 1 minute after you have stopped pressing any keys or using the tuning knob.
The minute it is adjustable.
or
Should I just fit a hidden switch that will turn off and on the inverters for the display.

One of the problems with a VFD is the heated wires, turning them on and off is not good due to heating/cooling stress, so they will need to be left on with less current just to keep them warm.

This is an interesting project to get into over my summer.

I will keep you all updated.

Regards John

--- In nrd-525-535@yahoogroups.com, "Charles Bolland" <ka4prf@...> wrote:
>
> John,
>
> I am not tecnically inclined, so I can't recommend the
> mod, but when you get
> it finished, I would like to have the details. The
> part about reducing interference from
> the display interests me very much.
>
> Chuck Bolland
> ka4prf@...
>
>
> _____
>
> From: nrd-525-535@yahoogroups.com
> [mailto:nrd-525-535@yahoogroups.com] On Behalf Of John
> Sent: Tuesday, October 26, 2010 11:35
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] Turning off the NRD-535D display
>

>
>
>
> Hi All
> I would like to hear your opinions
> I have not done this yet but I feel I need to.
> As you know the VFD (vacuum fluorescent display) in the
> 535 has a limited life, as the phosphor gradually burns
> away. This will make our displays dim and colourless.
>
> I do not use my 535 as much as I would like as my
> display is very dim and is almost not visible in
> daylight.
>
> I have been thinking about a mod that will power down
> the display when it is not needed, like when you have
> found your station and do not need to look at the
> display, but you want to listen to the radio.
> There is a few advantages:
> 1, No EMI noise from the display power supply
> inverters.
> 2. Less power consumed , less heat in the power supply.
> 3. Longer life span for the VFD and its power supply.
> 4. Lower noise floor in the receiver. the VFD inverters
> make a lot of EMI and its gets into the 535 everywhere.
> I think thats it.
> I hope to use a front panel switch combination to throw
> a relay with a bit of simple logic circuitry, that way
> there is no need to drill and fit extra switches.
>
> Any way, what do you think?
> Is there any pitfalls?
>
> Thanks in advance.
>
> Regards John
> VK2XCQ
>

2232. Re: [nrd-525-535] New parts for a 535 wanted

Yahoo group: nrd-525-535
Date: 2010-11-02 22:58:27 UTC
From: Bruce
Topic: 2230 Message: 2232

Hello John,

The only authorized JRC parts dealer in the USA that I am aware of is
Universal Radio in Columbus, Ohio:

Phone and FAX lines:

* 1 800 431-3939 Orders & Prices
* 1 614 866-4267 Information
* 1 614 866-2339 FAX

Phone hours are:

* Monday to Friday: 9:30 AM to 5:30 PM EST
* Saturday: 9:30 AM to 3:00 PM EST

E-Mail:

* Questions: dx@...
* Catalog requests: catalog@...

Postal Mail:

Universal Radio, Inc.
6830 Americana Parkway
Reynoldsburg, OH 43068-4113 U.S.A.

Good luck,

Bruce WA8TNC
============
John wrote:
> Hi all
>
> Does any one know who or where I can get a new VFD for my 535.
> Is there a JRC parts dealer out there in any country in the world, I do not mind where I
can get it.
>
> Thank in advance.
>
> Regards John

2233. RE: [nrd-525-535] Re: Turning off the NRD-535D display

Yahoo group: nrd-525-535
Date: 2010-11-02 23:22:28 UTC
From: Charles Bolland
Topic: 2228 Message: 2233

John,

I am interested in getting rid of the noise the display
produces; however, the problem with
the heat when the display is turned off would worry me.
Second, I would be satisfied with
just an on and off switch. The automatic turn off
sounds nice, but there would be some
who would like it to be variable so the automatic turn
off times can be changed if needed
or wanted?

Keep me informed and thanks.

Chuck
ka4prf@...

From: nrd-525-535@yahoogroups.com
[mailto:nrd-525-535@yahoogroups.com] On Behalf Of John
Sent: Tuesday, November 02, 2010 22:58
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: Turning off the NRD-535D
display

Hi Chuck

What are your thoughts?

I am thinking about an auto turn off the display after
1 minute would be the easiest to do and it is simpler
to install as there is no modifications to the front
panel to do. and if you forget, it turns off the
display for you.

I am thinking of using the keyboard strobe level or
tuning knob encoder index level to reactivate the
display, this would restart the count-down timer, the
display would stay active for 1 minute after you have
stopped pressing any keys or using the tuning knob.
The minute it is adjustable.
or
Should I just fit a hidden switch that will turn off
and on the inverters for the display.

One of the problems with a VFD is the heated wires,
turning them on and off is not good due to
heating/cooling stress, so they will need to be left on
with less current just to keep them warm.

This is an interesting project to get into over my
summer.

I will keep you all updated.

Regards John

--- In nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com> , "Charles
Bolland" <ka4prf@...> wrote:
>
> John,
>
> I am not tecnically inclined, so I can't recommend
the
> mod, but when you get
> it finished, I would like to have the details. The
> part about reducing interference from
> the display interests me very much.
>
> Chuck Bolland
> ka4prf@...
>
>
> _____
>
> From: nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com>
> [mailto:nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com>] On Behalf Of
John
> Sent: Tuesday, October 26, 2010 11:35
> To: nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com>
> Subject: [nrd-525-535] Turning off the NRD-535D
display
>
>
>
>
> Hi All
> I would like to hear your opinions
> I have not done this yet but I feel I need to.
> As you know the VFD (vacuum fluorescent display) in
the
> 535 has a limited life, as the phosphor gradually
burns

> away. This will make our displays dim and colourless.
>
> I do not use my 535 as much as I would like as my
> display is very dim and is almost not visible in
> daylight.
>
> I have been thinking about a mod that will power down
> the display when it is not needed, like when you have
> found your station and do not need to look at the
> display, but you want to listen to the radio.
> There is a few advantages:
> 1, No EMI noise from the display power supply
> inverters.
> 2. Less power consumed , less heat in the power
supply.
> 3. Longer life span for the VFD and its power supply.
> 4. Lower noise floor in the receiver. the VFD
inverters
> make a lot of EMI and its gets into the 535
everywhere.
> I think thats it.
> I hope to use a front panel switch combination to
throw
> a relay with a bit of simple logic circuitry, that
way
> there is no need to drill and fit extra switches.
>
> Any way, what do you think?
> Is there any pitfalls?
>
> Thanks in advance.
>
> Regards John
> VK2XCQ
>

2234. Re: [nrd-525-535] New parts for a 535 wanted

Yahoo group: nrd-525-535
Date: 2010-11-03 01:03:30 UTC
From: mparkinson1
Topic: 2230 Message: 2234

I have one contact me on a private email thanks.
Matt Parkinson Military Equipment & R 390A Depot Center

2235. VLF for JRC NRD-525 NRD-535 NRD-545 but for other receivers

Yahoo group: nrd-525-535
Date: 2010-11-14 14:10:57 UTC
From: bernard.malet
Topic: 2235 Message: 2235

You know that this wonderful receiver can drop to below 100 KHz
Yes JRC NRD-545 can.
A condition to perform a simple manipulation on your receiver
By the function: PUSH AND HOLD AT POWER UP
Hold the button down right marked "ENT/kHz" and flick the POWER ON/OFF
Also specified in the manual for me to digest JRC page?
You will simply then, this additional range of 10 kHz to 100 kHz.

Although there is a change to improve the LF / VLF by modification and replacement of components on the board with information: Improving the sensitivity of the NRD-545 LF/VLF by Dallas Lankford 05/12/2003

But beware, you must be a great expert in electronics, soldering, welding, have a view of 10/10, not to tremble, to be a very large patient and meticulous, have all the special tools, be in possession of good components and have featured in his shack all testers and analysis particularly well-calibrated

For my part I do not meet all these criteria are required to complete this project.

In these circumstances I simply bypassed these obstacles through a very proficient specialist hyper which I discovered by accident in his presence on the internet searching

K8ZOA, Jack Smith

To go to his site http://www.cliftonlaboratories.com/

His site is very well done, clear and tidy with a wealth of useful information.
You will discover for yourself skills.
On the "Current Products" you will find some of these great achievements he sells it with pleasure.
Note: There are many other products aside but not posted on its website.
For special needs I suggest you send an e-mail is a charming man, He (rare these days) it responds quickly to your questions.
It is the same for its professionalism and competence to fulfill your orders and can ship them quickly around the globe.

Finally back to FL/VLF there really responsive and effective products.
They well avoid you setbacks to dive into the bowels of your superb NRD-545 and other receiver.
Unmodified receiver can be resold in much better conditions

Some perfectly adapted achievements of Clifton Laboratories for your reception and that I use.
These prices are competitive

- Z1501 Active Antenna, antenna telescopic whip and its 20 KHz to 30 MHz preamplifier

This different Broadband Norton Amplifier:
- Z10040B Norton Amplifier. Classic components version
- Z10042A Norton Amplifier. Surface components version
- Z10042AV Norton Amplifier. Components optimized surface LF VLF version

New preamplifier high gain
- Z10046A High Gain Preamplifier.

Splitter
- Z10050A for coupling two receivers in a preamplifier

Couplers 13.8 Volt supply
- Z1203A DC Power Coupler DC Power Coupler 13,8 Volts and not on the site but I use Z1202A

Common mode choke
- Z1505A not on the site but I use the Common mode choke well minimize interference and provide more access to the LF/VLF.

This information is non-profit can only be a help to our family of hardliners listeners

Very cordially

Bernard MALET
French listener

2236. Re: New parts for a 535 wanted

Yahoo group: nrd-525-535
Date: 2010-11-17 02:18:42 UTC
From: John
Topic: 2230 Message: 2236

Hi All

I am still looking for a NEW VFD Vacuum Fluorescent Display for the NRD-535D.
Second hand units have been offered but not NEW.

If you can help please let me know.

Regards John

--- In nrd-525-535@yahoogroups.com, "mparkinson1" <mparkinson1@...> wrote:
>
> I have one contact me on a private email thanks.
> Matt Parkinson Military Equipment & R 390A Depot Center
>

2237. Re: New parts for a 535 wanted

Yahoo group: nrd-525-535
Date: 2010-11-17 03:07:53 UTC
From: Bill Cotter
Topic: 2230 Message: 2237

Did you have any luck going directly to Peter at JRC?

At 09:18 PM 11/16/2010, you wrote:
>
>
>Hi All
>
>I am still looking for a NEW VFD Vacuum
>Fluorescent Display for the NRD-535D.
>Second hand units have been offered but not NEW.
>
>If you can help please let me know.
>
>Regards John
>
>--- In
><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com,
>"mparkinson1" <mparkinson1@...> wrote:
> >
> > I have one contact me on a private email thanks.
> > Matt Parkinson Military Equipment & R 390A Depot Center
> >
>
>

2238. Re: [nrd-525-535] Re: New parts for a 535 wanted

Yahoo group: nrd-525-535
Date: 2010-11-17 03:27:19 UTC
From: mparkinson1
Topic: 2230 Message: 2238

I not sure JRC has them anymore.
However I know they had one display only on a front board and that cost to the normal consumer was way over 300.00
I was lucky because I work a Japanese company and I had connections.
It took JRC a month to find one in there warehouse in Japan.

I stated before I have a perfect DISPLAY on a bad board.
I guessing this fella was not interested thats ok.
I will just keep it with my 535D as a spare not sure I will ever need it thats ok.
Good luck with the fella looking for a new one hope he finds it.
Matt Parkinson Military Equipment & R 390A Depot Center

2239. For Sale - CFL-243 Bandwith Control Card for NRD-535

Yahoo group: nrd-525-535
Date: 2010-11-17 13:40:42 UTC
From: Alan
Topic: 2239 Message: 2239

RARE JRC Bandwith Control Card CLF-243

CFL-243 Band Width Control (BWC) Option for NRD-535 series receivers.

I bought this, from the USA, as part of a lot (including the ECSS card CMF-78, which was my main requirement) as the previous owner wouldn't split them. However, my version of the NRD-535 requires the CFL-243W variant so it's not a lot of use to me and hence the sale.

An identical card was sold on the Dutch eBay site (16th Nov) for $280!

I'm open to offers above £50 or $80 and will post anywhere at cost.

Alan

2240. Re: New parts for a 535 wanted

Yahoo group: nrd-525-535
Date: 2010-11-17 22:49:28 UTC
From: John
Topic: 2230 Message: 2240

Hi Bill

I got no reply.
I do not like to send more than 2 emails or they may get upset.

Regards John

--- In nrd-525-535@yahoogroups.com, Bill Cotter <n4lg@...> wrote:
>
> Did you have any luck going directly to Peter at JRC?
>
>
> At 09:18 PM 11/16/2010, you wrote:
> >
> >
> >Hi All
> >
> >I am still looking for a NEW VFD Vacuum
> >Fluorescent Display for the NRD-535D.
> >Second hand units have been offered but not NEW.
> >
> >If you can help please let me know.
> >
> >Regards John
> >
> >--- In
> ><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com,
> >"mparkinson1" <mparkinson1@> wrote:
> > >
> > > I have one contact me on a private email thanks.
> > > Matt Parkinson Military Equipment & R 390A Depot Center
> > >
> >
> >
> >
>

2241. Re: New parts for a 535 wanted

Yahoo group: nrd-525-535
Date: 2010-11-17 22:53:13 UTC
From: John
Topic: 2230 Message: 2241

Sorry

I was hoping for a new vfd.
What was the price you wanted for your display?
What country are you in?

Thanks in advance.
Regards John

--- In nrd-525-535@yahoogroups.com, "mparkinson1" <mparkinson1@...> wrote:
>
> I not sure JRC has them anymore.
> However I know they had one display only on a front board and that cost to the normal consumer was way over 300.00
> I was lucky because I work a Japanese company and I had connections.
> It took JRC a month to find one in there warehouse in Japan.
>
> I stated before I have a perfect DISPLAY on a bad board.
> I guessing this fella was not interested thats ok.
> I will just keep it with my 535D as a spare not sure I will ever need it thats ok.
> Good luck with the fella looking for a new one hope he finds it.
> Matt Parkinson Military Equipment & R 390A Depot Center
>

2242. Re: [nrd-525-535] For Sale - CFL-243 Bandwith Control Card for NRD-535

Yahoo group: nrd-525-535
Date: 2010-11-18 05:18:11 UTC
From: mparkinson1
Topic: 2239 Message: 2242

I will give you 80.00 for it I am in the US so let me know if it gone or not thanks.
I hope it will work in my NRD 535D receiver.
thanks
Matt Parkinson Military Equipment & R 390A Depot Center

2243. Re: [nrd-525-535] Re: New parts for a 535 wanted

Yahoo group: nrd-525-535
Date: 2010-11-18 05:28:36 UTC
From: mparkinson1
Topic: 2230 Message: 2243

John
I have not gotten any emails from you let try this again.
NRD 535 Display.
Matt Parkinson Military Equipment & R 390A Depot Center

2244. Re: [nrd-525-535] Re: New parts for a 535 wanted

Yahoo group: nrd-525-535
Date: 2010-11-18 05:29:31 UTC
From: mparkinson1
Topic: 2230 Message: 2244

50.00 for the display you pay postal also.
Matt Parkinson Military Equipment & R 390A Depot Center

2245. Re: [nrd-525-535] For Sale - CFL-243 Bandwith Control Card for NRD-535

Yahoo group: nrd-525-535
Date: 2010-11-18 07:03:07 UTC
From: Alan Elcoate
Topic: 2239 Message: 2245

Matt

The CFL-243 is for sets with serial before BR56005 and the CFL-243w for those after that.

Sorry but I'm swapping it for a CFL-243w with a fellow ham in Eire who has an older receiver than mine but ended up with the w variant card.

Alan

From: mparkinson1 <mparkinson1@...>
To: nrd-525-535@yahoogroups.com
Sent: Thu, 18 November, 2010 5:18:11
Subject: Re: [nrd-525-535] For Sale - CFL-243 Bandwith Control Card for NRD-535

I will give you 80.00 for it I am in the US so let me know if it gone or not thanks.

I hope it will work in my NRD 535D receiver.
thanks
Matt Parkinson Military Equipment & R 390A Depot Center

2246. NRD-505 Questions

Yahoo group: nrd-525-535
Date: 2010-11-19 00:01:49 UTC
From: Bruce
Topic: 2246 Message: 2246

Hello,

Please excuse me for asking these questions here, but there is no
NRD-505 group.

1. What is the # of the backup battery on the CDD-48A Memory Card?

2. How do you rewire the power input from 230 VAC, to 115 VAC?

3. What is the correct value of the fuse for 115 VAC?

4. Does anyone have a NRD-505 manual they would sell, copy, or loan me?
Or is there a downloadable copy of one somewhere?

Thank you,

Bruce WA8TNC

2247. Re: NRD-505 Questions

Yahoo group: nrd-525-535
Date: 2010-11-19 10:13:13 UTC
From: driftermick
Topic: 2246 Message: 2247

(http://radiopics.com/JRC/JRC_NRD-505.htm)

Here ya go Bruce. schematic's here. ya might
google the manual. hope this helps.

Drifter...

--- In nrd-525-535@yahoogroups.com, Bruce <bsugarberg@...> wrote:
>
> Hello,
>
> Please excuse me for asking these questions here, but there is no
> NRD-505 group.
>
> 1. What is the # of the backup battery on the CDD-48A Memory Card?
>
> 2. How do you rewire the power input from 230 VAC, to 115 VAC?
>
> 3. What is the correct value of the fuse for 115 VAC?
>
> 4. Does anyone have a NRD-505 manual they would sell, copy, or loan me?
> Or is there a downloadable copy of one somewhere?
>
> Thank you,
>
> Bruce WA8TNC
>

2248. Re: New parts for a 535 wanted

Yahoo group: nrd-525-535
Date: 2010-11-22 02:26:35 UTC
From: John
Topic: 2230 Message: 2248

Hi Matt

I emailed you directly.
Did you receive it?

Regards John

--- In nrd-525-535@yahoogroups.com, "mparkinson1" <mparkinson1@...> wrote:
>
> 50.00 for the display you pay postal also.
> Matt Parkinson Military Equipment & R 390A Depot Center
>

2249. Re: [nrd-525-535] Re: New parts for a 535 wanted

Yahoo group: nrd-525-535
Date: 2010-11-22 04:36:25 UTC
From: mparkinson1
Topic: 2230 Message: 2249

Hi
John I have not gotten any email from you other than when you go though the Yahoo group.
Matt Parkinson Military Equipment & R 390A Depot Center

2250. Re: New parts for a 535 wanted

Yahoo group: nrd-525-535
Date: 2010-11-22 21:40:15 UTC
From: John
Topic: 2230 Message: 2250

Hi Matt

I will send you another email NOW so we can take this transaction out of this group.
I am using the email address that appears in your login for this group.

Regards John
--- In nrd-525-535@yahoogroups.com, "mparkinson1" <mparkinson1@...> wrote:
>
> Hi
> John I have not gotten any email from you other than when you go though the Yahoo group.
> Matt Parkinson Military Equipment & R 390A Depot Center
>

2251. MFJ-1024 Active Outdoor Antenna

Yahoo group: nrd-525-535
Date: 2010-11-24 15:19:33 UTC
From: kvidinge
Topic: 2251 Message: 2251

Hi there,

Recently I have acquired a used MFJ-1024 on ebay and connected it to my NRD-525.

I must say I'm quite pleased with the results. Normally I don't like active antennas, but since I don't have enough space for a real longwire aerial, I had to resort to this option.

The two (NRD-525 + MFJ-1024) fit together well. But you should always have the AGC-function on your NRD turned on to avoid any possible overload.

In their propagada on their website (www.mfjenterprises.com) it says:

"World Radio TV Handbook" says MFJ-1024 is a "first rate, easy-to-operate active antenna ... quiet.... excellent dynamic range... good gain... very low noise factor.... broad frequency coverage.... excellent choice..."

Normally I don't listen to such marketing slogans, but I have to admit that it's true. I only paid fifty bucks for it, so I thought I give it a try, and I don't regret it. Whether you want to spend 160 Dollars on it is another question though.

Why not borrow one from a friend or a retailer and give it a try? You should never spend money on anything before you know for sure what you get for your money. Spending your money is always easier than getting it back.

In my setup I have both a 20 feet longwire and the active antenna, and especially above 10 MHz, the MFJ-1024 by far surpasses the longwire. The longwire can be attached to the MFJ-1024 and there's a button to switch between the two.

An active antenna is like a little receiver in itself. MFJ-1024 covers 50kHz to 30MHz. Right now I'm using it indoors.

So long.

KVI

2252. Re: [nrd-525-535] MFJ-1024 Active Outdoor Antenna

Yahoo group: nrd-525-535
Date: 2010-11-24 18:04:23 UTC
From: John Reed
Topic: 2251 Message: 2252

I just finished testing 10 active antennas for dynamic range. The MFJ-1024 was one of these. It came in dead last in terms of being able to handle strong signals well.

John Reed, KA5QEP

----- Original Message -----
From: kvidinge
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, November 24, 2010 9:19 AM
Subject: [nrd-525-535] MFJ-1024 Active Outdoor Antenna

Hi there,

Recently I have acquired a used MFJ-1024 on ebay and connected it to my NRD-525.

I must say I'm quite pleased with the results. Normally I don't like active antennas, but since I don't have enough space for a real longwire aerial, I had to resort to this option.

The two (NRD-525 + MFJ-1024) fit together well. But you should always have the AGC-function on your NRD turned on to avoid any possible overload.

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"World Radio TV Handbook" says MFJ-1024 is a "first rate, easy-to-operate active antenna ... quiet.... excellent dynamic range... good gain... very low noise factor.... broad frequency coverage.... excellent choice..."

Normally I don't listen to such marketing slogans, but I have to admit that it's true. I only paid fifty bucks for it, so I thought I give it a try, and I don't regret it. Whether you want to spend 160 Dollars on it is another question though.

Why not borrow one from a friend or a retailer and give it a try? You should never spend money on anything before you know for sure what you get for your money. Spending your money is always easier than getting it back.

In my setup I have both a 20 feet longwire and the active antenna, and especially above 10 MHz, the MFJ-1024 by far surpasses the longwire. The longwire can be attached to the MFJ-1024 and there's a button to switch between the two.

An active antenna is like a little receiver in itself. MFJ-1024 covers 50kHz to 30MHz. Right now I'm using it indoors.

So long.

KVI

2253. Re: [nrd-525-535] MFJ-1024 Active Outdoor Antenna

Yahoo group: nrd-525-535
Date: 2010-11-24 20:09:36 UTC
From: Dave Vaughan
Topic: 2251 Message: 2253

So, who came in first place?

Dave Vaughan

On 11/24/2010 07:04 PM, John Reed wrote:
>
>
> I just finished testing 10 active antennas for dynamic range. The
> MFJ-1024 was one of these. It came in dead last in terms of being
> able to handle strong signals well.
> John Reed, KA5QEP
>
> ----- Original Message -----
> *From:* kvidinge <mailto:kvidinge@...>
> *To:* nrd-525-535@yahoogroups.com
> <mailto:nrd-525-535@yahoogroups.com>
> *Sent:* Wednesday, November 24, 2010 9:19 AM
> *Subject:* [nrd-525-535] MFJ-1024 Active Outdoor Antenna
>
> Hi there,
>
> Recently I have acquired a used MFJ-1024 on ebay and connected it
> to my NRD-525.
>
> I must say I'm quite pleased with the results. Normally I don't
> like active antennas, but since I don't have enough space for a
> real longwire aerial, I had to resort to this option.
>
> The two (NRD-525 + MFJ-1024) fit together well. But you should
> always have the AGC-function on your NRD turned on to avoid any
> possible overload.
>
> In their propagada on their website (www.mfjenterprises.com) it says:
>
> "World Radio TV Handbook" says MFJ-1024 is a "first rate,
> easy-to-operate active antenna ... quiet.... excellent dynamic
> range... good gain... very low noise factor.... broad frequency
> coverage.... excellent choice..."
>
> Normally I don't listen to such marketing slogans, but I have to
> admit that it's true. I only paid fifty bucks for it, so I thought
> I give it a try, and I don't regret it. Whether you want to spend
> 160 Dollars on it is another question though.
>
> Why not borrow one from a friend or a retailer and give it a try?

> You should never spend money on anything before you know for sure
> what you get for your money. Spending your money is always easier
> than getting it back.
>
> In my setup I have both a 20 feet longwire and the active antenna,
> and especially above 10 MHz, the MFJ-1024 by far surpasses the
> longwire. The longwire can be attached to the MFJ-1024 and there's
> a button to switch between the two.
>
> An active antenna is like a little receiver in itself. MFJ-1024
> covers 50kHz to 30MHz. Right now I'm using it indoors.
>
> So long.
>
> KVI
>
>
>
>
>

2254. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2010-11-25 00:08:09 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 2254

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Dynamic Range Testing.doc
Uploaded by : ka5qep <ka5qep@...>
Description : Active Antenna Tests

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Dynamic%20Range%20Testing.doc

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ka5qep <ka5qep@...>

2255. Active Antenna Tests

Yahoo group: nrd-525-535
Date: 2010-11-25 00:15:39 UTC
From: John Reed
Topic: 2255 Message: 2255

I just added the test results to the file section of this group. I hope you find it interesting. It is to be published in the Lowdown, journal of the Long Wave Club later. I also did a review of the NRD-525 and NRD-545. Would anyone want to see these? I did reviews of 13 receivers for the Lowdown which included the NRDs.

73, John, KA5QEP

2256. Re: [nrd-525-535] Active Antenna Tests

Yahoo group: nrd-525-535
Date: 2010-11-25 00:17:04 UTC
From: aidehua@aol.com
Topic: 2255 Message: 2256

I would John...
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "John Reed" <ka5qep@...>
Sender: nrd-525-535@yahoogroups.com
Date: Wed, 24 Nov 2010 18:15:39
To: <nrd-525-535@yahoogroups.com>
Reply-To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Active Antenna Tests

I just added the test results to the file section of this group. I hope you find it interesting. It is to be published in the Lowdown, journal of the Long Wave Club later. I also did a review of the NRD-525 and NRD-545. Would anyone want to see these? I did reviews of 13 receivers for the Lowdown which included the NRDs.

73, John, KA5QEP

2257. Re: [nrd-525-535] Active Antenna Tests

Yahoo group: nrd-525-535
Date: 2010-11-25 00:34:38 UTC
From: Alf Årdal
Topic: 2255 Message: 2257

So would I.....John

73's Alf Aardal

John Reed skrev:
>
>
> I just added the test results to the file section of this group. I
> hope you find it interesting. It is to be published in the Lowdown,
> journal of the Long Wave Club later. I also did a review of the
> NRD-525 and NRD-545. Would anyone want to see these? I did reviews
> of 13 receivers for the Lowdown which included the NRDs.
>
> 73, John, KA5QEP
>

2258. Re: [nrd-525-535] Active Antenna Tests

Yahoo group: nrd-525-535
Date: 2010-11-25 03:55:52 UTC
From: Frank DeMarco
Topic: 2255 Message: 2258

Please publish them all! The more info the better. /F

--- On Wed, 11/24/10, John Reed <ka5qep@...> wrote:

From: John Reed <ka5qep@...>
Subject: [nrd-525-535] Active Antenna Tests
To: nrd-525-535@yahoogroups.com
Date: Wednesday, November 24, 2010, 7:15 PM

I just added the test results to the file
section of this group. I hope you find it interesting. It is to be
published in the Lowdown, journal of the Long Wave Club later. I also did
a review of the NRD-525 and NRD-545. Would anyone want to see these?
I did reviews of 13 receivers for the Lowdown which included the NRDs.

73, John,
KA5QEP

2259. Re: [nrd-525-535] Active Antenna Tests

Yahoo group: nrd-525-535
Date: 2010-11-25 08:13:04 UTC
From: casy_ch@tbwil.ch
Topic: 2255 Message: 2259

Hi John

Thanks a lot for the copy of the Antenna Tests.

Yes I would be interested to get the review of the the NRD's, especially the NRD-545. Have myself 15 rx and it is always interesting to read about one I have amongst the others. Have a RA-1793 too.

73 de Jean-Claude, HE9EZX
Switzerland

----- Original Message -----
From: John Reed
To: nrd-525-535@yahoogroups.com
Sent: Thursday, November 25, 2010 1:15 AM
Subject: [nrd-525-535] Active Antenna Tests

I just added the test results to the file section of this group. I hope you find it interesting. It is to be published in the Lowdown, journal of the Long Wave Club later. I also did a review of the NRD-525 and NRD-545. Would anyone want to see these? I did reviews of 13 receivers for the Lowdown which included the NRDs.

73, John, KA5QEP

2260. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2010-11-25 15:20:23 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 2260

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /NRD-525 Mod.doc
Uploaded by : ka5qep <ka5qep@...>
Description : Modified NRD-525 Review

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/NRD-525%20Mod.doc

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ka5qep <ka5qep@...>

2261. More files added

Yahoo group: nrd-525-535
Date: 2010-11-25 20:51:14 UTC
From: John Reed
Topic: 2261 Message: 2261

Today I added files with reviews of a stock NRD-525, an NRD-525 with some mods, and an NRD-545.

73, John
KA5QEP

2262. Re: [nrd-525-535] More files added

Yahoo group: nrd-525-535
Date: 2010-11-25 21:02:05 UTC
From: casy_ch@tbwil.ch
Topic: 2261 Message: 2262

Thanks a lot John

Jean-Claude

----- Original Message -----
From: John Reed
To: nrd-525-535@yahoogroups.com
Sent: Thursday, November 25, 2010 9:51 PM
Subject: [nrd-525-535] More files added

Today I added files with reviews of a stock NRD-525, an NRD-525 with some mods, and an NRD-545.

73, John
KA5QEP

2263. Re: MFJ-1024 Active Outdoor Antenna

Yahoo group: nrd-525-535
Date: 2010-11-27 20:44:24 UTC
From: kvidinge
Topic: 2251 Message: 2263

Well thank you John Reed, now you've just destroyed my joy.

My antenna is good enough for me.

Anyway, for fifty bucks my solution can't be beaten.

It's always easy to create the perfect solution based on the assumption that you have

access to an infinite amount of money, time and information.

And by the way, where have you been with your test, when I needed it?

I always seem to get the information I'm looking for, when I no longer need it.

So long.

KVI

--- In nrd-525-535@yahoogroups.com, "John Reed" <ka5qep@...> wrote:
>
> I just finished testing 10 active antennas for dynamic range. The MFJ-1024 was one of these. It came in dead last in terms of being able to handle strong signals well.
>
> John Reed, KA5QEP
>
> ----- Original Message -----
> From: kvidinge
> To: nrd-525-535@...m
> Sent: Wednesday, November 24, 2010 9:19 AM
> Subject: [nrd-525-535] MFJ-1024 Active Outdoor Antenna
>
>
>
> Hi there,
>
> Recently I have acquired a used MFJ-1024 on ebay and connected it to my NRD-525.
>
> I must say I'm quite pleased with the results. Normally I don't like active antennas, but since I don't have enough space for a real longwire aerial, I had to resort to this option.
>
> The two (NRD-525 + MFJ-1024) fit together well. But you should always have the AGC-function on your NRD turned on to avoid any possible overload.
>
> In their propagada on their website (www.mfjenterprises.com) it says:
>
> "World Radio TV Handbook" says MFJ-1024 is a "first rate, easy-to-operate active antenna ... quiet.... excellent dynamic range... good gain... very low noise factor.... broad

frequency coverage.... excellent choice..."
>
> Normally I don't listen to such marketing slogans, but I have to admit that it's true. I only paid fifty bucks for it, so I thought I give it a try, and I don't regret it. Whether you want to spend 160 Dollars on it is another question though.
>
> Why not borrow one from a friend or a retailer and give it a try? You should never spend money on anything before you know for sure what you get for your money. Spending your money is always easier than getting it back.
>
> In my setup I have both a 20 feet longwire and the active antenna, and especially above 10 MHz, the MFJ-1024 by far surpasses the longwire. The longwire can be attached to the MFJ-1024 and there's a button to switch between the two.
>
> An active antenna is like a little receiver in itself. MFJ-1024 covers 50kHz to 30MHz. Right now I'm using it indoors.
>
> So long.
>
> KVI
>

2264. Re: MFJ-1024 Active Outdoor Antenna

Yahoo group: nrd-525-535
Date: 2010-11-29 03:01:53 UTC
From: larfla2
Topic: 2251 Message: 2264

KVI,
That's the nature of the radio world. Somebody is always going to rain on you.
I was using a MFJ-1024 with a NRD-525 when I was stationed in Japan a while back and I was pretty impressed with it. I was using it in a very high noise environment with no room for anything else,just outside of Tokyo-Yokohama and it's performance was very, very good. I could copy just about anything I needed, and I was DXing at the time. A really good little unit as far as I'm concerned. I still have it here in the States as one of my receive antennas. Another great little unit that's underrated is the Ameco TPA. Nice little quiet battery driven rigside unit. They still make them I think. Regards, Larry

--- In nrd-525-535@yahoogroups.com, "kvidinge" <kvidinge@...> wrote:
>
>
>
> Well thank you John Reed, now you've just destroyed my joy.
>
> My antenna is good enough for me.
>
> Anyway, for fifty bucks my solution can't be beaten.
>
> It's always easy to create the perfect solution based on the assumption that you have
>
> access to an infinite amount of money, time and information.
>
> And by the way, where have you been with your test, when I needed it?
>
> I always seem to get the information I'm looking for, when I no longer need it.
>
> So long.
>
> KVI
>
> --- In nrd-525-535@yahoogroups.com, "John Reed" <ka5qep@> wrote:
> >
> > I just finished testing 10 active antennas for dynamic range. The MFJ-1024 was one of these. It came in dead last in terms of being able to handle strong signals well.
> >
> > John Reed, KA5QEP
> >
> > ----- Original Message -----
> > From: kvidinge
> > To: nrd-525-535@yahoogroups.com
> > Sent: Wednesday, November 24, 2010 9:19 AM
> > Subject: [nrd-525-535] MFJ-1024 Active Outdoor Antenna
> >

> >
> >
> > Hi there,
> >
> > Recently I have acquired a used MFJ-1024 on ebay and connected it to my NRD-525.
> >
> > I must say I'm quite pleased with the results. Normally I don't like active antennas, but since I don't have enough space for a real longwire aerial, I had to resort to this option.
> >
> > The two (NRD-525 + MFJ-1024) fit together well. But you should always have the AGC-function on your NRD turned on to avoid any possible overload.
> >
> > In their propagada on their website (www.mfjenterprises.com) it says:
> >
> > "World Radio TV Handbook" says MFJ-1024 is a "first rate, easy-to-operate active antenna ... quiet.... excellent dynamic range... good gain... very low noise factor.... broad frequency coverage.... excellent choice..."
> >
> > Normally I don't listen to such marketing slogans, but I have to admit that it's true. I only paid fifty bucks for it, so I thought I give it a try, and I don't regret it. Whether you want to spend 160 Dollars on it is another question though.
> >
> > Why not borrow one from a friend or a retailer and give it a try? You should never spend money on anything before you know for sure what you get for your money. Spending your money is always easier than getting it back.
> >
> > In my setup I have both a 20 feet longwire and the active antenna, and especially above 10 MHz, the MFJ-1024 by far surpasses the longwire. The longwire can be attached to the MFJ-1024 and there's a button to switch between the two.
> >
> > An active antenna is like a little receiver in itself. MFJ-1024 covers 50kHz to 30MHz. Right now I'm using it indoors.
> >
> > So long.
> >
> > KVI
> >
>

2265. Re: [nrd-525-535] Re: MFJ-1024 Active Outdoor Antenna

Yahoo group: nrd-525-535
Date: 2010-11-29 15:20:37 UTC
From: John Reed
Topic: 2251 Message: 2265

I also used an MFJ-1024 for quite a while, several years in fact. However, I always noticed a lot of intermod products from my local BC stations showing up all over the HF frequency band and wanted to see if some other antennas would do better. That's what got this series of tests started. If your MFJ-1024 works ok for you, that's great. It didn't for me and these tests showed why. I just thought some other people would like to know the results, that's all. I try to be completely objective with tests and didn't go after any specific antenna. Each antenna was tested using the same equipment and methods.

I'll post the summary of my receiver reviews today. I can post any of these reviews if there is an interest in them. Again, these receiver tests are completely objective and are all done using the same equipment and methods.

John Reed

----- Original Message -----
From: larfla2
To: nrd-525-535@yahoogroups.com
Sent: Sunday, November 28, 2010 9:01 PM
Subject: [nrd-525-535] Re: MFJ-1024 Active Outdoor Antenna

KVI,
That's the nature of the radio world. Somebody is always going to rain on you.
I was using a MFJ-1024 with a NRD-525 when I was stationed in Japan a while back and I was pretty impressed with it. I was using it in a very high noise environment with no room for anything else,just outside of Tokyo-Yokohama and it's performance was very, very good. I could copy just about anything I needed, and I was DXing at the time. A really good little unit as far as I'm concerned. I still have it here in the States as one of my receive antennas. Another great little unit that's underrated is the Ameco TPA. Nice little quiet battery driven rigside unit. They still make them I think. Regards, Larry

--- In nrd-525-535@yahoogroups.com, "kvidinge" <kvidinge@...> wrote:
>
>
>
> Well thank you John Reed, now you've just destroyed my joy.
>
> My antenna is good enough for me.
>
> Anyway, for fifty bucks my solution can't be beaten.
>
> It's always easy to create the perfect solution based on the assumption that you have
>
> access to an infinite amount of money, time and information.
>
> And by the way, where have you been with your test, when I needed it?
>

> I always seem to get the information I'm looking for, when I no longer need it.
>
> So long.
>
> KVI
>
> --- In nrd-525-535@yahoogroups.com, "John Reed" <ka5qep@> wrote:
> >
> > I just finished testing 10 active antennas for dynamic range. The MFJ-1024 was one of these. It came in dead last in terms of being able to handle strong signals well.
> >
> > John Reed, KA5QEP
> >
> > ----- Original Message -----
> > From: kvidinge
> > To: nrd-525-535@yahoogroups.com
> > Sent: Wednesday, November 24, 2010 9:19 AM
> > Subject: [nrd-525-535] MFJ-1024 Active Outdoor Antenna
> >
> >
> >
> > Hi there,
> >
> > Recently I have acquired a used MFJ-1024 on ebay and connected it to my NRD-525.
> >
> > I must say I'm quite pleased with the results. Normally I don't like active antennas, but since I don't have enough space for a real longwire aerial, I had to resort to this option.
> >
> > The two (NRD-525 + MFJ-1024) fit together well. But you should always have the AGC-function on your NRD turned on to avoid any possible overload.
> >
> > In their propagada on their website (www.mfjenterprises.com) it says:
> >
> > "World Radio TV Handbook" says MFJ-1024 is a "first rate, easy-to-operate active antenna ... quiet.... excellent dynamic range... good gain... very low noise factor.... broad frequency coverage.... excellent choice..."
> >
> > Normally I don't listen to such marketing slogans, but I have to admit that it's true. I only paid fifty bucks for it, so I thought I give it a try, and I don't regret it. Whether you want to spend 160 Dollars on it is another question though.
> >
> > Why not borrow one from a friend or a retailer and give it a try? You should never spend money on anything before you know for sure what you get for your money. Spending your money is always easier than getting it back.
> >
> > In my setup I have both a 20 feet longwire and the active antenna, and especially above 10 MHz, the MFJ-1024 by far surpasses the longwire. The longwire can be attached to the MFJ-1024 and there's a button to switch between the two.
> >

> > An active antenna is like a little receiver in itself. MFJ-1024 covers 50kHz to 30MHz. Right now I'm using it indoors.
> >
> > So long.
> >
> > KVI
> >
>

2266. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2010-11-29 15:30:57 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 2266

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Summary of Tests.doc
Uploaded by : ka5qep <ka5qep@...>
Description : Summary of LF receiver tests.

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Summary%20of%20Tests.doc

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ka5qep <ka5qep@...>

2267. Re: [nrd-525-535] New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2010-11-29 15:50:05 UTC
From: Frank DeMarco
Topic: 96 Message: 2267

John, when I try to access your files by clicking on the URL, my browser says: 'cannot find the server'. Why? Thanks, /F

--- On Mon, 11/29/10, nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com> wrote:

From: nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com>
Subject: [nrd-525-535] New file uploaded to nrd-525-535
To: nrd-525-535@yahoogroups.com
Date: Monday, November 29, 2010, 10:30 AM

Hello,

This email message is a notification to let you know that

a file has been uploaded to the Files area of the nrd-525-535

group.

File : /Summary of Tests.doc

Uploaded by : ka5qep <ka5qep@...>

Description : Summary of LF receiver tests.

You can access this file at the URL:

http://groups.yahoo.com/group/nrd-525-535/files/Summary%20of%20Tests.doc

To learn more about file sharing for your group, please visit:

http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html

Regards,

ka5qep <ka5qep@sbcglobal.net>

2268. Re: [nrd-525-535] New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2010-11-29 16:34:58 UTC
From: Bob Betts
Topic: 96 Message: 2268

Thanks john, very interesting.
I noticed you tested the Watkins-Johnson DMS-105R.

Just curious, but was that barefoot into the W-J?
I have a couple of them, and basically as demodulators, I believe that their input sensitivity is somewhat lower than a regular receiver, per se.
I may be wrong on that assumption, since I have never put the DMS units on the test bench.
I might add that the 105A is an excellent addition to any listening post, for its filter selection and ability to do passband tuning.

Thank you,
Bob, N1KPR

http://www.bobsamerica.com
* Music * Audio * Radio *
"It's all good"

2269. Re: [nrd-525-535] Re: MFJ-1024 Active Outdoor Antenna

Yahoo group: nrd-525-535
Date: 2010-11-29 17:27:19 UTC
From: poldhu1901@aol.com
Topic: 2251 Message: 2269

In a message dated 29/11/2010 15:21:09 GMT Standard Time,
ka5qep@... writes:

I'll post the summary of my receiver reviews today. I can post any of
these reviews if there is an interest in them. Again, these receiver tests
are completely objective and are all done using the same equipment and
methods.

Hi John

I'd certainly be interested in copies of all of your reviews as I own, or
have previously owned, several of those in your summary.

regards

Nigel
GM8PZR

2270. Re: [nrd-525-535] New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2010-11-29 18:04:45 UTC
From: John Reed
Topic: 96 Message: 2270

That's right, barefoot into the 105R. It turned out to be quite sensitive with very few spurs. The only thing that didn't work well was the BFO. I didn't like the choices of fixed frequencies, and the choice of an adjustable BFO was too drifty.

John

----- Original Message -----
From: Bob Betts
To: nrd-525-535@yahoogroups.com
Sent: Monday, November 29, 2010 10:34 AM
Subject: Re: [nrd-525-535] New file uploaded to nrd-525-535

Thanks john, very interesting.
I noticed you tested the Watkins-Johnson DMS-105R.

Just curious, but was that barefoot into the W-J?
I have a couple of them, and basically as demodulators, I believe that their input sensitivity is somewhat lower than a regular receiver, per se.
I may be wrong on that assumption, since I have never put the DMS units on the test bench.
I might add that the 105A is an excellent addition to any listening post, for its filter selection and ability to do passband tuning.

Thank you,
Bob, N1KPR

http://www.bobsamerica.com
* Music * Audio * Radio *
"It's all good"

2271. Re: [nrd-525-535] New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2010-11-29 18:58:55 UTC
From: Bob Betts
Topic: 96 Message: 2271

Okay, I'll have to put mine on the bench and will post the data.
I have been using the DMS105A-2 (which is quite stable) with the JRC NRD-515 (among other receivers) and have found the combination very acceptable. I have also used the Kiwa MAP demod with the 515, which is also a nice combination.
Thanks again,

bb

http://www.bobsamerica.com
* Music * Audio * Radio *
"It's all good"

--- On Mon, 11/29/10, John Reed <ka5qep@sbcglobal.net> wrote:

From: John Reed <ka5qep@...>
Subject: Re: [nrd-525-535] New file uploaded to nrd-525-535
To: nrd-525-535@yahoogroups.com
Date: Monday, November 29, 2010, 1:04 PM

That's right, barefoot into the 105R. It turned out to be quite sensitive with very few spurs. The only thing that didn't work well was the BFO. I didn't like the choices of fixed frequencies, and the choice of an adjustable BFO was too drifty.

John

----- Original Message -----
From: Bob Betts
To: nrd-525-535@yahoogroups.com
Sent: Monday, November 29, 2010 10:34 AM
Subject: Re: [nrd-525-535] New file uploaded to nrd-525-535

Thanks john, very interesting.
I noticed you tested the Watkins-Johnson DMS-105R.

Just curious, but was that barefoot into the W-J?
I have a couple of them, and basically as demodulators, I believe that their input sensitivity is somewhat lower than a regular receiver, per se.
I may be wrong on that assumption, since I have never put the DMS units on the test bench.
I might add that the 105A is an excellent addition to any listening post, for its filter selection and ability to do passband tuning.

Thank you,
Bob, N1KPR

http://www.bobsamerica.com
* Music * Audio * Radio *
"It's all good"

2272. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2010-11-30 00:07:50 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 2272

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /DMS-105R.doc
Uploaded by : ka5qep <ka5qep@...>
Description : Review of DMS-105R

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/DMS-105R.doc

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

ka5qep <ka5qep@...>

2273. Re: [nrd-525-535] New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2010-11-30 01:04:04 UTC
From: poldhu1901@aol.com
Topic: 96 Message: 2273

In a message dated 29/11/2010 18:12:47 GMT Standard Time,
ka5qep@... writes:

That's right, barefoot into the 105R. It turned out to be quite sensitive
with very few spurs. The only thing that didn't work well was the BFO. I
didn't like the choices of fixed frequencies, and the choice of an
adjustable BFO was too drifty.

Hi John

Many thanks for the review of the 105R, that's much appreciated, and
apologies to any who might find this a bit far off topic.

I often wondered what happened to S/N 1.
I used to look at it for sale from time to time and then it finally
disappeared, now I know where it went:-)

My first 105 was the 105A bought in 2003, my 105R came later, and I've
really never been able to understand why WJ designated these as demodulators
but then gave them the sort of sensitivity that any receiver would be proud
of.

I fully expected my 105A to have a sensitivity measured in volts or
millivolts, matching the sort of level one could expect to come out of an IF
strip, so was quite gobsmacked when I attached it to a Palomar active loop,
just out of curiosity, and found it to be one of the best LF/MF receivers I'd
ever used, up until that time anyway.
Don't think I got to bed that night:-)

That was mainly for AM though, it was only later I discovered beacons, so I
wasn't aware of the BFO problems you experienced.

Have you come across a decent manual for these?
I paid for a scan of the DMS105A manual a few years ago but unfortunately
the commercial outfit who scanned it didn't seem to appreciate that
schematics need better resolution than printed pages.
It's all usable but could certainly do with a better set of schematics.

Regards

Nigel
GM8PZR

2274. Re: [nrd-525-535] New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2010-11-30 14:48:49 UTC
From: Bob Betts
Topic: 96 Message: 2274

Thanks for the test data, John.
Last night I put both of the 105's on the bench and dialed up an NDB (362KHz) after about a 30 minute warmup, and went to supper. Before bed, I checked the two and both were still on frequency ... 6 hours later. These units are probably 30+ years old, and remember going through the first one and replacing some old caps - I don't recall if I did the second one.
Maybe the drift you have encountered is due to a soft cap (or two) in the BFO section.
When I see tantalum caps in 80's vintage equipment, I get worried. Anyone with Racal gear knows what I'm talking about.
Anyhow, due to the ergonomics of these things, I prefer to keep using them as demods and not receivers. As I said before, it's an excellent addition to the 515, and I think I'll add a buffer amp to the 535 (my favorite JRC) and pull the IF from there to feed the 105A - should be an interesting combination. I'll report on that when I get to it.
Thanks again,

Bob
Here's where they normally reside:
http://bobsamerica.com/milspec-lp.html

--- On Mon, 11/29/10, John Reed <ka5qep@...> wrote:

That's right, barefoot into the 105R. It turned out to be quite sensitive with very few spurs. The only thing that didn't work well was the BFO. I didn't like the choices of fixed frequencies, and the choice of an adjustable BFO was too drifty.

John

----- Original Message -----
From: Bob Betts
To: nrd-525-535@yahoogroups.com
Sent: Monday, November 29, 2010 10:34 AM
Subject: Re: [nrd-525-535] New file uploaded to nrd-525-535

Thanks john, very interesting.
I noticed you tested the Watkins-Johnson DMS-105R.

Just curious, but was that barefoot into the W-J?
I have a couple of them, and basically as demodulators, I believe that their input sensitivity is somewhat lower than a regular receiver, per se.
I may be wrong on that assumption, since I have never put the DMS units on the test bench.
I might add that the 105A is an excellent addition to any listening post, for its filter selection and ability to do passband tuning.

Thank you,
Bob, N1KPR

2275. NRD-515 Noise Blanker

Yahoo group: nrd-525-535
Date: 2010-12-01 15:17:51 UTC
From: g3vvt@aol.com
Topic: 2275 Message: 2275

Hi All,

Am getting overwhelmed at times with interference on the lower HF bands from what are believed to be local switched mode PSU that appear to be devoid of interference suppression components. Trace and clear one, two more pop up the next day. All items like this sold in the UK will have the correct CE markings, but whether they conform to the standards can be something of a lottery. The local noise situation is getting ever worse from local sources. When I first moved to the current location in 1986 and erected the same 40/80 trap dipole as used today, the noise floor was about S1 to S2 and has gradually crept up over the years to S5. Recently has done another jump to reach S7 or more overnight and am having difficulties in tracing the source. Currently have a NSD-515 and NRD-515 as the main station radio. The noise blanker in the NRD-515 has absolutely no effect on interference such as this, though will remove very short duration impulsive noise which is very much in the same way as the Elecraft K2 receiver fails. A simple AM CB transceiver noise blanker will run rings around the pair of receivers in what it does. Even my old Yaesu FT-480R noise blanker is streets better.

Has anybody had practical experience of working on the NRD-515 noise blanker and possibly modifying the operation to improve matters? Otherwise the receiver does everything I need.

Regards,
Bob, G3VVT

2276. NRD-525 and NRD-535 Serials

Yahoo group: nrd-525-535
Date: 2010-12-09 01:38:43 UTC
From: fusekilla
Topic: 2276 Message: 2276

Can anyone indentify roughly when these two were made?
525 BR 43574
535 59659

2277. Re: NRD-525 and NRD-535 Serials

Yahoo group: nrd-525-535
Date: 2010-12-09 14:48:05 UTC
From: rhblumeng
Topic: 2276 Message: 2277

The only info I recall regarding serial numbers is here:

http://www.lannuier.com/ww2pt/page.cfm?content=nrd535

It doesn't really answer the question, but .....

Bob

--- In nrd-525-535@yahoogroups.com, "fusekilla" <justtis@...> wrote:
>
> Can anyone indentify roughly when these two were made?
> 525 BR 43574
> 535 59659
>

2278. Get NRD-525 with V/U Converter

Yahoo group: nrd-525-535
Date: 2010-12-11 04:45:51 UTC
From: 高野 豊彦
Topic: 2278 Message: 2278

I get NRD-525.It set to JST-135.Good rig.
  Thanks

2279. Bounced Email Problem

Yahoo group: nrd-525-535
Date: 2010-12-13 01:48:25 UTC
From: Bruce
Topic: 2279 Message: 2279

Hello,

I received an email from Paul, (pbigelow@...), regarding a
question I had asked
on this list.

When I tried to reply to him, the email bounced. Does anyone know how I
can contact him?

Thank you,

Bruce WA8TNC

2280. NRD-535 and NRD-525 AGC MODS

Yahoo group: nrd-525-535
Date: 2010-12-14 16:35:33 UTC
From: fusekilla
Topic: 2280 Message: 2280

The following are a list of mods supposedly for these receivers that are supposed to solve their agc problems.
>> Does anyone know which is the "one and only" mod from the following list for either the '535 or the '525?

1. Modification is very simple. You must work on the "CAE-227A IF AMP UNIT" circuit board, connecting aN 840k resistor between the positive side of capacitor C104 and the negative side of capacitor C105.

2. I just purchased the AGC mod kit from Kiwa. All it consists of is a small 1/8 watt 910K ohm resistor. You need to locate R105 and R106 on the audio board. You then solder the 910k resistor in parallel across R105 and R106.

3. I also changed the AVC by shorting out one section of R105 so the total resistance was 500 K. R103 and R104 was changed to 100K. After that the AVC was functioning very well in both FAST and SLOW.

4.(SIMILAR TO 3 BUT DIFFERENT) NRD-535 receiver modifications for the AGC circuit.
The mod is simple: shortcircuit R105 or R106 (1 M) and replace R104 (original 1 k) to 100 k.

5. (NRD-525) The AGC is modified, R105 is shorted out - giving 1 Mohm from the remaining R106.

2281. RE: AGC MODS ... ANYONE TRIED ANY OF THESE MODS?

Yahoo group: nrd-525-535
Date: 2010-12-15 00:01:24 UTC
From: fusekilla
Topic: 2281 Message: 2281

Receiver: NRD-535
Did your chosen mod make much of a difference? Thanks

2282. Re: NRD-535 and NRD-525 AGC MODS

Yahoo group: nrd-525-535
Date: 2010-12-17 06:08:06 UTC
From: larfla2
Topic: 2280 Message: 2282

Hi, whatever your name is,

I have 2 535D's and one 525. I did the AGC mod as per Fine Tuning's Proceedings 1994-1995 and put a 470K resistor between the positive side of C104 and the negative side of C105 of board CAE-227A on one of the 535's. Works great. I installed the Kiwa mod on the other, which consisted of soldering a supplied(900K?) resistor across R105 and R106. Works great, also. Really no difference between the two side by side as far as I can tell.
I did a AGC mod to the 525 a long time ago as per a article by Dallas Langford-sp?(Google it) and it was a bit more involved, but not by much. It consisted of removing and soldering in a replacement surface mount resistor and jumping some IC pins, as I recall. Works well. My 2 cents. Regards, Larry W2DDG--- In nrd-525-535@yahoogroups.com, "fusekilla" <justtis@...> wrote:
>
> The following are a list of mods supposedly for these receivers that are supposed to solve their agc problems.
> >> Does anyone know which is the "one and only" mod from the following list for either the '535 or the '525?
>
> 1. Modification is very simple. You must work on the "CAE-227A IF AMP UNIT" circuit board, connecting aN 840k resistor between the positive side of capacitor C104 and the negative side of capacitor C105.
>
> 2. I just purchased the AGC mod kit from Kiwa. All it consists of is a small 1/8 watt 910K ohm resistor. You need to locate R105 and R106 on the audio board. You then solder the 910k resistor in parallel across R105 and R106.
>
> 3. I also changed the AVC by shorting out one section of R105 so the total resistance was 500 K. R103 and R104 was changed to 100K. After that the AVC was functioning very well in both FAST and SLOW.
>
> 4.(SIMILAR TO 3 BUT DIFFERENT) NRD-535 receiver modifications for the AGC circuit.
> The mod is simple: shortcircuit R105 or R106 (1 M) and replace R104 (original 1 k) to 100 k.
>
> 5. (NRD-525) The AGC is modified, R105 is shorted out - giving 1 Mohm from the remaining R106.
>

2283. Re: AGC MODS ... ANYONE TRIED ANY OF THESE MODS?

Yahoo group: nrd-525-535
Date: 2010-12-17 06:25:59 UTC
From: larfla2
Topic: 2281 Message: 2283

Yep, they increased the attack and delay times. Quite a marked improvement. Most noticable during weak and fading signals, high noise and static/ distant lightning crashes. Well worth the effort. Regards, Larry W2DDG--- In nrd-525-535@yahoogroups.com, "fusekilla" <justtis@...> wrote:
>
> Receiver: NRD-535
> Did your chosen mod make much of a difference? Thanks
>

2284. Tuning Speed and Ajustment

Yahoo group: nrd-525-535
Date: 2010-12-19 05:33:23 UTC
From: fusekilla
Topic: 2284 Message: 2284

Is there any way to adjust the drag of the tuning knob on both the 535 and the 525?
'Just that I noticed that the 525 turns quite freely while the 535 has a bit more drag in comparison. Never noticed any info in the manuals.

2285. RE: [nrd-525-535] Tuning Speed and Ajustment

Yahoo group: nrd-525-535
Date: 2010-12-19 12:01:14 UTC
From: Charles Bolland
Topic: 2284 Message: 2285

Friend,

The drag may be caused by the knob being to tight
against the receiver's front face?
What I did was loosen the hex screw that holds the know
tight and just move the
knob back out just a very small bite so it's not so
close to the receiver face.

Chuck

From: nrd-525-535@yahoogroups.com
[mailto:nrd-525-535@yahoogroups.com] On Behalf Of
fusekilla
Sent: Sunday, December 19, 2010 05:33
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Tuning Speed and Ajustment

Is there any way to adjust the drag of the tuning knob
on both the 535 and the 525?
'Just that I noticed that the 525 turns quite freely
while the 535 has a bit more drag in comparison. Never
noticed any info in the manuals.

2286. Cabinet for NRD-535 (or NRD-525)

Yahoo group: nrd-525-535
Date: 2010-12-21 18:45:26 UTC
From: drelectrode
Topic: 2286 Message: 2286

The NRD-535D that I recently purchased is a gem, complete with all the KIWA mods. It's got the 3.3KHz SSB filter that gives the best sounding audio from sideband that I've ever heard. Unfortunately the cabinet had been butchered to fit in a rigid transit case for a dxpedition.

So I'm looking for an upper and lower cabinet with feet. The case for the '525 is the same except I'd have to leave out the internal speaker which I never use anyway.

Thanks much for your help on this one.

Larry N3OJD

2287. Re: [nrd-525-535] Cabinet for NRD-535 (or NRD-525)

Yahoo group: nrd-525-535
Date: 2010-12-22 03:56:48 UTC
From: Tony White
Topic: 2286 Message: 2287

I know where you got that. :-) I was surprised you got it so cheap. I was out that evening or I would have bid on it.

Enjoy that rig. it has history.

Tony KA5TRO

----- Original Message -----
From: drelectrode
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, December 21, 2010 12:45 PM
Subject: [nrd-525-535] Cabinet for NRD-535 (or NRD-525)

The NRD-535D that I recently purchased is a gem, complete with all the KIWA mods. It's got the 3.3KHz SSB filter that gives the best sounding audio from sideband that I've ever heard. Unfortunately the cabinet had been butchered to fit in a rigid transit case for a dxpedition.

So I'm looking for an upper and lower cabinet with feet. The case for the '525 is the same except I'd have to leave out the internal speaker which I never use anyway.

Thanks much for your help on this one.

Larry N3OJD

2288. Re: Cabinet for NRD-535 (or NRD-525)

Yahoo group: nrd-525-535
Date: 2010-12-23 14:16:13 UTC
From: drelectrode
Topic: 2286 Message: 2288

Hey Tony --

Thanks for the good wishes. I feel very fortunate. It's the finest receiver I've owned since I had to give up my Chuck Rippel restored EAC R-390A. And it's a heck of a lot lighter and easier to use.

I'd love to hear more about the history on this NRD-535 and where it's been. Someone alluded to it but I didn't get specifics.

BTW I WAS able to find a second-hand cabinet for it at Universal. Apparently they have a few used parts.

Larry N3OJD

--- In nrd-525-535@yahoogroups.com, "Tony White" <twhite@...> wrote:
>
> I know where you got that. :-) I was surprised you got it so cheap. I was out that evening or I would have bid on it.
>
> Enjoy that rig. it has history.
>
> Tony KA5TRO
>
> ----- Original Message -----
> From: drelectrode
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, December 21, 2010 12:45 PM
> Subject: [nrd-525-535] Cabinet for NRD-535 (or NRD-525)
>
>
>
> The NRD-535D that I recently purchased is a gem, complete with all the KIWA mods. It's got the 3.3KHz SSB filter that gives the best sounding audio from sideband that I've ever heard. Unfortunately the cabinet had been butchered to fit in a rigid transit case for a dxpedition.
>
> So I'm looking for an upper and lower cabinet with feet. The case for the '525 is the same except I'd have to leave out the internal speaker which I never use anyway.
>
> Thanks much for your help on this one.
>
> Larry N3OJD
>

2289. WRTH Schedules now integrated into SWLog!

Yahoo group: nrd-525-535
Date: 2010-12-25 15:44:43 UTC
From: sillett
Topic: 2289 Message: 2289

Merry Christmas from Shortwave Log!

It is with great pleasure to announce that the 2011 international and selected target/clandestine schedules from WRTH (World Radio TV Handbook) are now available in Shortwave Log. This is indeed quite the Christmas present!

The WRTH Schedules seamlessly integrate into Shortwave Log and can be directly used to identify stations, to tune the bands, or to browse the data grids.

In addition to logging, the Radio Control Server program controls over 40 receivers from 11 manufacturers such as Ten-Tec, Icom, Drake, AOR, Lowe, Yaesu, and Winradio. The NRD-525, NRD-535, and NRD-545 are supported. Every receiver can also be configured to stream live on the Internet.

Shortwave Log is soon to celebrate its 20th year! Having started in 1991, the program has expanded over the years into a suite of programs for logging (shortwave and amateur), radio control, recording, QSL management, and enabling receivers to be published online.

Shortwave Log can be downloaded from www.shortwavelog.com

73s and good DXing!

Bob, N3OEA

2290. Help with main knob for 525

Yahoo group: nrd-525-535
Date: 2010-12-29 18:39:30 UTC
From: guiomar alonso
Topic: 2290 Message: 2290

Hi,

Anyone know where I can buy the main wheel knob, the piece of black plastic for a JRC 525.

If any of you sell it, please send me a price on my email bo220199da@...

Thanks in advance.

José

2291. Extension card for NRD-535D

Yahoo group: nrd-525-535
Date: 2010-12-29 19:18:26 UTC
From: fcathell
Topic: 2291 Message: 2291

I need to either rent, borrow, or whatever an extension card in order to troubleshoot my NRD-535. Word has it that JRC no longer has the extension cards available and/or they cost over $100 if you can find one (wow!). I'm willing to "rent" one for a reasonable fee and pay shipping both ways.

Thanks,

Frank
K3YAZ
Tucson, AZ

2292. WTB NRD - 525-535

Yahoo group: nrd-525-535
Date: 2010-12-30 20:38:55 UTC
From: Carl E
Topic: 2292 Message: 2292

I am looking to buy a clean no issue operable NRD 525/ 535 receiver preferably with options .Please reply to my e-mail address as to not tie up the reflector.

e-mail is carlm01@...

2293. Re: Extension card for NRD-535D

Yahoo group: nrd-525-535
Date: 2011-01-01 00:46:28 UTC
From: John
Topic: 2291 Message: 2293

Hi

There are 2 types of extension cards.
One for the CPU board and one for every other card.
The cards are used for both the 535 and the 545.

Good luck finding them, mine cost $160 and they have helped to get my 535 and 545 working better.

Regards John

--- In nrd-525-535@yahoogroups.com, "fcathell" <fcathell@...> wrote:
>
> I need to either rent, borrow, or whatever an extension card in order to troubleshoot my NRD-535. Word has it that JRC no longer has the extension cards available and/or they cost over $100 if you can find one (wow!). I'm willing to "rent" one for a reasonable fee and pay shipping both ways.
>
> Thanks,
>
> Frank
> K3YAZ
> Tucson, AZ
>

2294. JRC JST-100 transceiver

Yahoo group: nrd-525-535
Date: 2011-01-01 17:47:31 UTC
From: Vladi
Topic: 2294 Message: 2294

For sale: JRC JST-100 transceiver in good working condition.

No optional IF filters for CW. No modifications.
Copy of a user manual is included.
Cosmetically it can be rated 8 on a scale of 10.
There are some scratches on the covers and on the right side of the front panel. Pictures are available on request. This unit comes from non-smoking environment.

$750 plus shipping from San Francisco Bay Area.
Payment by USPS Money Order.

My apologies for posting an ad which is not 100% related to NRD-525/535.

Thanks and Happy New Year,
Vlad, KB9OLM
Reply directly to: kb9olm (AT) yahoo (DOT) com

2295. Bigskyaudio.com ???

Yahoo group: nrd-525-535
Date: 2011-01-01 23:12:51 UTC
From: drelectrode
Topic: 2295 Message: 2295

Hi --

I just discovered an outfit called bigskyaudio.com that does audio and other upgrades for the NRD-535D. Anybody out there know anything about them or have experience they'd like to share?

Thanks
Larry

2296. Sorry -- correction Bigskyaudiomt.com

Yahoo group: nrd-525-535
Date: 2011-01-01 23:26:42 UTC
From: drelectrode
Topic: 2296 Message: 2296

That website is bigskyaudiomt.com

2297. Re: Extension card for NRD-535D

Yahoo group: nrd-525-535
Date: 2011-01-02 02:43:37 UTC
From: fcathell
Topic: 2291 Message: 2297

Thanks for the info John. I just need the non-CPU card to do the alignment. I just discovered today that the specified alignment criteria for centering the notch filter is incorrect in the Service Manual. If you set the freq to 457 kHz with the front panel knob in center position the notch tuning range will be skewed toward LSB and not useful for USB. I was able to adjust it by using a calibrator signal and adjusting for max null in AM when centered. Now it works like it should. Sure was a pain in the ass plugging the IF board in and out.

Frank

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Hi
>
> There are 2 types of extension cards.
> One for the CPU board and one for every other card.
> The cards are used for both the 535 and the 545.
>
> Good luck finding them, mine cost $160 and they have helped to get my 535 and 545 working better.
>
>
> Regards John
>
>
>
>
>
> --- In nrd-525-535@yahoogroups.com, "fcathell" <fcathell@> wrote:
> >
> > I need to either rent, borrow, or whatever an extension card in order to troubleshoot my NRD-535. Word has it that JRC no longer has the extension cards available and/or they cost over $100 if you can find one (wow!). I'm willing to "rent" one for a reasonable fee and pay shipping both ways.
> >
> > Thanks,
> >
> > Frank
> > K3YAZ
> > Tucson, AZ
> >
>

2298. Re: [nrd-525-535] Bigskyaudio.com ???

Yahoo group: nrd-525-535
Date: 2011-01-02 17:52:45 UTC
From: aidehua@aol.com
Topic: 2295 Message: 2298

I had my 545 done by them. Pretty happy.
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "drelectrode" <larrywolken@earthlink.net>
Sender: nrd-525-535@yahoogroups.com
Date: Sat, 01 Jan 2011 23:12:51
To: <nrd-525-535@yahoogroups.com>
Reply-To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Bigskyaudio.com ???

Hi --

I just discovered an outfit called bigskyaudio.com that does audio and other upgrades for the NRD-535D. Anybody out there know anything about them or have experience they'd like to share?

Thanks
Larry

2299. Re: [nrd-525-535] Bigskyaudio.com ???

Yahoo group: nrd-525-535
Date: 2011-01-02 18:07:26 UTC
From: mparkinson1
Topic: 2295 Message: 2299

Ed
Email me on my regular email not the reflector.

Matt Parkinson Military Equipment & R 390A Depot Center

2300. Re: [nrd-525-535] Bigskyaudio.com ???

Yahoo group: nrd-525-535
Date: 2011-01-02 18:10:40 UTC
From: navydude1962@yahoo.com
Topic: 2295 Message: 2300

Was it u who wanted to know?
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "mparkinson1" <mparkinson1@...>
Sender: nrd-525-535@yahoogroups.com
Date: Sun, 2 Jan 2011 10:07:26
To: <nrd-525-535@yahoogroups.com>
Reply-To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Bigskyaudio.com ???

Ed
Email me on my regular email not the reflector.

Matt Parkinson Military Equipment & R 390A Depot Center

2301. Re: [nrd-525-535] Bigskyaudio.com ???

Yahoo group: nrd-525-535
Date: 2011-01-02 18:22:03 UTC
From: mparkinson1
Topic: 2295 Message: 2301

No
I send a photo of something on your other email.
I need you to take a look at it and tell me what you think.
You told me you had a NRD 535D that you had the mode done to I guessing you own both the 535D and 545 receiver right.
Matt Parkinson Military Equipment & R 390A Depot Center

2302. Re: [nrd-525-535] Bigskyaudio.com ???

Yahoo group: nrd-525-535
Date: 2011-01-02 18:23:52 UTC
From: mparkinson1
Topic: 2295 Message: 2302

That other email didn't make it what email can I send this photo you need to see I don't want it on the reflector.
Matt Parkinson Military Equipment & R 390A Depot Center

2303. Re: [nrd-525-535] Bigskyaudio.com ???

Yahoo group: nrd-525-535
Date: 2011-01-02 18:24:42 UTC
From: mparkinson1
Topic: 2295 Message: 2303

Ed just call me
I am by the phone will pick up right now.
Thanks
Matt Parkinson Military Equipment & R 390A Depot Center

2304. Help with main tunning knob for 525

Yahoo group: nrd-525-535
Date: 2011-01-07 17:08:17 UTC
From: guiomar alonso
Topic: 2304 Message: 2304

Hi,

Anyone know where I can buy the main tunning knob, the piece of black plastic for a JRC 525.

If any of you sell it, please send me a price on my email bo220199da@...

Thanks in advance.

José

2305. 535D or 545?

Yahoo group: nrd-525-535
Date: 2011-01-22 18:20:04 UTC
From: floriselda48
Topic: 2305 Message: 2305

Hi guys:

Could someone give me an idea as to which radio is better of the two? I see them on E-bay all the time, and actually like the looks of the 535D better, but would go with the 545 if it has something significant to offer over the other. Don't mind the extra expense too much.

Thanks very much, Chris

2306. Re: [nrd-525-535] 535D or 545?

Yahoo group: nrd-525-535
Date: 2011-01-22 18:58:04 UTC
From: Myteaquinn
Topic: 2305 Message: 2306

Here is your standard wishy-washy reply. I have both using the same antenna through a splitter and both have different assets. The NRD-535D is easier to use and to me sounds better. But the NRD-545 seems to be better at digging out signals, what I can hear on the 545 I may not hear on the 535. Also with the additional controls on the 545 you may dig a signal out of the static at the expense of audio quality. So it depends I guess on what you want to listen to.

myteaquinn, west of Cleveland

From: floriselda48 <florissca@...>
To: nrd-525-535@yahoogroups.com
Sent: Sat, January 22, 2011 1:20:04 PM
Subject: [nrd-525-535] 535D or 545?

Hi guys:

Could someone give me an idea as to which radio is better of the two? I see them on E-bay all the time, and actually like the looks of the 535D better, but would go with the 545 if it has something significant to offer over the other. Don't mind the extra expense too much.

Thanks very much, Chris

2307. Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-22 19:15:39 UTC
From: halloprinzessin
Topic: 2307 Message: 2307

Hi guys,

i have a NRD-535D and just bought the RTTY Demo Card for it.
Hardware is installed (Card an Computer Cable..and a homebrew CKJ-61) but how to go on ?

The common remote softwares i have do not support the rtty function
completely (just the settings like filter, shift width and baud)

As far as i understand it i will need a program that makes the
received signals visible on the computer and a second that translates
it....(like weather forecast from the DWD here in Germany)

Hope there is anyone here who can explain me the "secrets" and "how to`s"

Greetz from Germany and 73`s

Stefan

2308. Re: 535D or 545?

Yahoo group: nrd-525-535
Date: 2011-01-22 19:41:08 UTC
From: halloprinzessin
Topic: 2305 Message: 2308

Hi Chris

i use the 535D for about 5 years now. A couple of months ago a friend who owned the 545 died and i was asked by his wife to sell the 545 for her.
I had the two receivers here and really had to fight with myself.
Not having the money to keep them both....i sold the 545.

Both have their advantages and disadvantages.
Not a big friend of DSP and having the chance to compare them next
to each other i kept the 535D.

As "myteaquinn" (by the way greetings to OH) already said:
The audio quality is one thing.

Just my personal point of view.
If you have the chance to compare b4 you buy one of them...do it !!!

Greetings

Stefan

--- In nrd-525-535@yahoogroups.com, Myteaquinn <myteaquinn@...> wrote:
>
>
> Â Here is your standard wishy-washy reply. I have both using the same antenna
> through a splitter and both have different assets. The NRD-535D is easier to use
> and to me sounds better. But the NRD-545 seems to be better at digging out
> signals, what I can hear on the 545 I may not hear on the 535. Also with the
> additional controls on the 545 you may dig a signal out of the static at the
> expense of audio quality. So it depends I guess on what you want to listen to.
>
> myteaquinn,Â west of Cleveland
>
>
>
>
>
> _____
> From: floriselda48 <florissca@...>
> To: nrd-525-535@yahoogroups.com
> Sent: Sat, January 22, 2011 1:20:04 PM
> Subject: [nrd-525-535] 535D or 545?
>
> Â
> Hi guys:
>
> Could someone give me an idea as to which radio is better of the two? I see them

> on E-bay all the time, and actually like the looks of the 535D better, but would
> go with the 545 if it has something significant to offer over the other. Don't
> mind the extra expense too much.
>
> Thanks very much, Chris
>

2309. Re: 535D or 545?

Yahoo group: nrd-525-535
Date: 2011-01-22 19:17:32 UTC
From: pe1kel
Topic: 2305 Message: 2309

--- In nrd-525-535@yahoogroups.com, Myteaquinn <myteaquinn@...> wrote:
>
>
> Â Here is your standard wishy-washy reply. I have both using the same antenna
> through a splitter and both have different assets. The NRD-535D is easier to use
> and to me sounds better. But the NRD-545 seems to be better at digging out
> signals, what I can hear on the 545 I may not hear on the 535. Also with the
> additional controls on the 545 you may dig a signal out of the static at the
> expense of audio quality. So it depends I guess on what you want to listen to.
>
> myteaquinn,Â west of Cleveland
>
>
>
>
>
> _____
> From: floriselda48 <florissca@...>
> To: nrd-525-535@yahoogroups.com
> Sent: Sat, January 22, 2011 1:20:04 PM
> Subject: [nrd-525-535] 535D or 545?
>
> Â
> Hi guys:
>
> Could someone give me an idea as to which radio is better of the two? I see them
> on E-bay all the time, and actually like the looks of the 535D better, but would
> go with the 545 if it has something significant to offer over the other. Don't
> mind the extra expense too much.
>
> Thanks very much, Chris
>

Dear Chris, and myteaquinn.

I have also listened with both of them.
I prefer the NRD535D instead of the 545.
Despite of the DSP in the 545 which is not present in the 535D, it didn't satisfied me.
I have 2 NRD535D with a NF DSP, the Timewave DSP-59+ and this gives me more satisfaction.
If you want to use the NRD545 with the internal widebandconverter, the CHE-199, it is a great mess. SSB reception is almost impossible due to the lot of birdies of the CHE-199...

So, it depends on what you want to receive, DX or broadcast, utilitystations or whatever...

I hope my opinion can help you for making the decision

Best regards,
Adriaan, PE1KEL.

2310. Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-22 19:45:45 UTC
From: pe1kel
Topic: 2307 Message: 2310

--- In nrd-525-535@yahoogroups.com, "halloprinzessin" <halloprinzessin@...> wrote:
>
> Hi guys,
>
> i have a NRD-535D and just bought the RTTY Demo Card for it.
> Hardware is installed (Card an Computer Cable..and a homebrew CKJ-61) but how to go on ?
>
> The common remote softwares i have do not support the rtty function
> completely (just the settings like filter, shift width and baud)
>
> As far as i understand it i will need a program that makes the
> received signals visible on the computer and a second that translates
> it....(like weather forecast from the DWD here in Germany)
>
> Hope there is anyone here who can explain me the "secrets" and "how to`s"
>
> Greetz from Germany and 73`s
>
> Stefan
>

Hello, Stefan.

I also have 1 NRD535 equiped with a RTTY-modem.
But I don't use it anymore.
I used the programm RXwings32, you can find it on the next webpage:
http://home.planet.nl/~jarkest/rxw/rxwings.html

It was very heavy to get it worked. Therefor I stopped with this feature and now I use other programms which use the sound-card of the PC. There exists a lot of them.

But if you want to spend some houres to get this modem working do not hesitate to download the programm.
Also there's a manual on the website which mentions the (special) cable connections between the receiver and the serial port, you will need this type of connection, otherwise it will not work at all.

Best regards,
Adriaan, PE1KEL.

2311. Re: [nrd-525-535] 535D or 545?

Yahoo group: nrd-525-535
Date: 2011-01-22 19:53:00 UTC
From: Bob Betts
Topic: 2305 Message: 2311

I couldn't have said it better.I love my 535D and it is the defacto casual listener. It has some of the best ergonomics I've seen and technically is a great radio.When things get serious, I go to the 545's DSP technology. You really can't beat the filter selections for anything less than a Watkins-Johnson HF-1000 or TenTec R-340 ... at 3 to 4 kilo-bucks. At half the price, the 545 is a real gem.I'm not a big fan of digitally processed audio, but connected to a suitable external speaker, or played through my audio system, it's fine.
Bob, N1KPR

http://www.bobsamerica.com* Music * Audio * Radio *"It's all good"

--- On Sat, 1/22/11, Myteaquinn <myteaquinn@...> wrote:

Here is your standard wishy-washy reply. I have both using the same antenna through a splitter and both have different assets. The NRD-535D is easier to use and to me sounds better. But the NRD-545 seems to be better at digging out signals, what I can hear on the 545 I may not hear on the 535. Also with the additional controls on the 545 you may dig a signal out of the static at the expense of audio quality. So it depends I guess on what you want to listen to.

myteaquinn, west of Cleveland

2312. Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-22 20:10:01 UTC
From: halloprinzessin
Topic: 2307 Message: 2312

Thanks Adriaan for your very fast reply.

I heard about all the other programms that use the the
soundcard and that they would be much easier to use...

Will take a closer look now at the RXWings software.
Having the cmh-530 card installed i "at least will have
the wonderful moment that i can say: it works!!!"

An if rtty receiption really "infects" me i am sure there are
much better programms

Thanx again

Stefan

--- In nrd-525-535@yahoogroups.com, "pe1kel" <adriaanaarts@...> wrote:
>
>
>
> --- In nrd-525-535@yahoogroups.com, "halloprinzessin" <halloprinzessin@> wrote:
> >
> > Hi guys,
> >
> > i have a NRD-535D and just bought the RTTY Demo Card for it.
> > Hardware is installed (Card an Computer Cable..and a homebrew CKJ-61) but how to go on
?
> >
> > The common remote softwares i have do not support the rtty function
> > completely (just the settings like filter, shift width and baud)
> >
> > As far as i understand it i will need a program that makes the
> > received signals visible on the computer and a second that translates
> > it....(like weather forecast from the DWD here in Germany)
> >
> > Hope there is anyone here who can explain me the "secrets" and "how to`s"
> >
> > Greetz from Germany and 73`s
> >
> > Stefan
> >
>
> Hello, Stefan.
>
> I also have 1 NRD535 equiped with a RTTY-modem.
> But I don't use it anymore.

> I used the programm RXwings32, you can find it on the next webpage:
> http://home.planet.nl/~jarkest/rxw/rxwings.html
>
> It was very heavy to get it worked. Therefor I stopped with this feature and now I use other programms which use the sound-card of the PC. There exists a lot of them.
>
> But if you want to spend some houres to get this modem working do not hesitate to download the programm.
> Also there's a manual on the website which mentions the (special) cable connections between the receiver and the serial port, you will need this type of connection, otherwise it will not work at all.
>
> Best regards,
> Adriaan, PE1KEL.
>

2313. Re: [nrd-525-535] 535D or 545?

Yahoo group: nrd-525-535
Date: 2011-01-22 20:15:12 UTC
From: Edward Sylvester
Topic: 2305 Message: 2313

I have both, too and both have had audio mods done by BIG SKY AUDIO in Montana. This guy uses audiophile type caps to replace throughout and Boy, what a difference!! So, if you're not happy with your 545's audio, I recommend you give this guy a try....He charges $140 plus shipping...

73,
Ed NI6S

--- On Sat, 1/22/11, Bob Betts <rwbetts@...> wrote:

From: Bob Betts <rwbetts@...>
Subject: Re: [nrd-525-535] 535D or 545?
To: nrd-525-535@yahoogroups.com
Date: Saturday, January 22, 2011, 11:53 AM

I couldn't have said it better.
I love my 535D and it is the defacto casual listener. It has some of the best ergonomics I've seen and technically is a great radio.
When things get serious, I go to the 545's DSP technology. You really can't beat the filter selections for anything less than a Watkins-Johnson HF-1000 or TenTec R-340 ... at 3 to 4 kilo-bucks. At half the price, the 545 is a real gem.
I'm not a big fan of digitally processed audio, but connected to a suitable external speaker, or played through my audio system, it's fine.

Bob, N1KPR

http://www.bobsamerica.com
* Music * Audio * Radio *
"It's all good"

--- On Sat, 1/22/11, Myteaquinn <myteaquinn@...> wrote:

 Here is your standard wishy-washy reply. I have both using the same antenna through a splitter and both have different assets. The NRD-535D is easier to use and to me sounds better. But the NRD-545 seems to be better at digging out signals, what I can hear on the 545 I may not hear on the 535. Also with the additional controls on the 545 you may dig a signal out of the static at the expense of audio quality. So it depends I guess on what you want to listen to.

 myteaquinn, west of Cleveland

2314. Re: 535D or 545?

Yahoo group: nrd-525-535
Date: 2011-01-22 20:17:14 UTC
From: nrd_535d
Topic: 2305 Message: 2314

Hi Chris:
I now have a modified NRD-535Db. Many modifications made by myself and Kiwa Electronics. Bandwidth Filters: 1.0, 2.0, 4.0, and 5.5. Due to the modifications, I truly love this receiver and would only give it up for something truly magnificent with an outrageous price tag. But considering that I now live on a fixed income, I probably will now not do that.

Thinking I could get an even better receiver when doing modifications on the NRD-545 I got one and proceeded. I ended up selling my moded 545 and kept my 535Db. The reasons were as follows:

I agree with myteaquinn as stated in his response I too find the NRD-535D much easier to use and to me sounds better than the 545. And, when using the same antenna I too could pick up weaker broadcasts on the 545, but to my ears they were not understandable. Since I'm a voice broadcast Dxer, I need to understand what is being said, so being able to receive a weak unreadable station is a useless feature for me (but if you are into any form of non voice DXing then the 545 is a tad better).

Also I am NOT a fan of NRDs approach to DSP (Digital Signal Processing) in the 545 to my ears it makes the voice quality worse and in many cases makes a broadcast irritable to listen to, and many weak broadcasts unreadable.

In my opinion, and I do mean MY opinion many will I'm sure disagree with me:
- The 545 only excelled over the 535D in its abilities to receive weak Non Voice broadcasts.
- The 535D is easier to use and sounds better than the 545

Note:
If you are into voice broadcasts, I highly recommend that you get the audio mods by Kiwa Electronics for both the 535D and the 545 you will NOT regret it.

John Dokulil
WDX6GMX

2315. RE: [nrd-525-535] Re: 535D or 545?

Yahoo group: nrd-525-535
Date: 2011-01-22 20:49:06 UTC
From: Charles Bolland
Topic: 2305 Message: 2315

Hi friends,

I have a number of receivers including the 535D, 545
and the Watkins Johnson HF1000.
The best audio comes out of the HF1000. It has it's
own quality speaker built in and
sounds robust compared to the 535D and 545. All three
receivers have equal sensitivity
in my opinion. The one that's easier to use for DXing,
however, is the 545 and that's the one
I end up using daily.

For the person who wanted to copy RTTY with the 535D,
the build in code of the 535D and
545 needed to copy RTTY is only good enough to copy up
to 75 Baud rate and all those
other systems out there for RTTY are out of reach for
the 535D or 545. I wrote a program
for the 535D and 545 that copies RTTY and the only time
I ever got readable tty was
from Hams and a Station in Germany. One can use the
535D to find the RTTY signals
and have a regular RTTY program read it, but they are
expensive the last time I investigated.

By the way, I have the filter slots filled up with
different size filters in the 535D, so I am
able to try different combinations for reception
quality. The 545 doesn't allow that. Its'
filters are software controlled, as is the HF1000.

I say get what you think is the best, considering the
price etc, and stay with it. Whatever
you do, don't do what I did. Ofcourse, I might have
had a problem buying a new car
every year. Forunately I didn't. I lost that habit
many years ago when I got into radios.

Chuck

_____

From: nrd-525-535@yahoogroups.com
[mailto:nrd-525-535@yahoogroups.com] On Behalf Of
nrd_535d
Sent: Saturday, January 22, 2011 20:17
To: nrd-525-535@yahoogroups.com

Subject: [nrd-525-535] Re: 535D or 545?

Hi Chris:
I now have a modified NRD-535Db. Many modifications made by myself and Kiwa Electronics. Bandwidth Filters: 1.0, 2.0, 4.0, and 5.5. Due to the modifications, I truly love this receiver and would only give it up for something truly magnificent with an outrageous price tag. But considering that I now live on a fixed income, I probably will now not do that.

Thinking I could get an even better receiver when doing modifications on the NRD-545. I got one and proceeded. I ended up selling my moded 545 and kept my 535Db. The reasons were as follows:

I agree with myteaquinn as stated in his response. I too find the NRD-535D much easier to use and to me sounds better than the 545. And, when using the same antenna I too could pick up weaker broadcasts on the 545, but to my ears they were not understandable. Since I'm a voice broadcast Dxer, I need to understand what is being said, so being able to receive a weak unreadable station is a useless feature for me (but if you are into any form of non voice DXing then the 545 is a tad better).

Also I am NOT a fan of NRDs approach to DSP (Digital Signal Processing) in the 545. to my ears it makes the voice quality worse and in many cases makes a broadcast irritable to listen to, and many weak broadcasts unreadable.

In my opinion, and I do mean MY opinion. many will I'm sure disagree with me:
- The 545 only excelled over the 535D in its abilities to receive weak Non Voice broadcasts.
- The 535D is easier to use and sounds better than the 545

Note:
If you are into voice broadcasts, I highly recommend that you get the audio mods by Kiwa Electronics for both the 535D and the 545. you will NOT regret it.

John Dokulil
WDX6GMX

2316. Re: [nrd-525-535] Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-22 23:33:31 UTC
From: Brian Denley
Topic: 2307 Message: 2316

Stefan:
The CMH-530 is pretty easy to control with software. I found it easy to write a Visual Basic program for it. The CMH-530 works pretty well for Meteo adn amatuer radio RTTY.
Brian
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "halloprinzessin" <halloprinzessin@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, January 22, 2011 3:10 PM
Subject: [nrd-525-535] Re: Using the cmh-530

Thanks Adriaan for your very fast reply.

I heard about all the other programms that use the the soundcard and that they would be much easier to use...

Will take a closer look now at the RXWings software.
Having the cmh-530 card installed i "at least will have the wonderful moment that i can say: it works!!!"

An if rtty receiption really "infects" me i am sure there are much better programms

Thanx again

Stefan

2317. Re: [nrd-525-535] 535D or 545?

Yahoo group: nrd-525-535
Date: 2011-01-23 01:24:36 UTC
From: Bob Betts
Topic: 2305 Message: 2317

Thanks for the info Ed. Yes, I know of Big Sky. I've also done business with Kiwa as well. Over the past several years, we've been doing mods here in my shop. I did one of my 535D's and left the other stock. You are right, there is an improvement. But even the stock 535 is quite enjoyable.

If I do the 545, I'll do it here. I have thought about it occasionally over the past several years, but never had the time. Maybe during this long New England winter...dunno. The bench always has some customer's radio on it, so I have to chase the cash instead of the fun.
But thanks for the tip - you have re-lighted the inspiration.

73,
Bob, N1KPR

http://www.bobsamerica.com
* Music * Audio * Radio *
"It's all good"

--- On Sat, 1/22/11, Edward Sylvester <navydude1962@...> wrote:

From: Edward Sylvester <navydude1962@...>
Subject: Re: [nrd-525-535] 535D or 545?
To: nrd-525-535@yahoogroups.com
Date: Saturday, January 22, 2011, 3:15 PM

I have both, too and both have had audio mods done by BIG SKY AUDIO in Montana. This guy uses audiophile type caps to replace throughout and Boy, what a difference!! So, if you're not happy with your 545's audio, I recommend you give this guy a try....He charges $140 plus shipping...

73,
Ed NI6S

--- On Sat, 1/22/11, Bob Betts <rwbetts@...> wrote:

From: Bob Betts <rwbetts@...>
Subject: Re: [nrd-525-535] 535D or 545?
To: nrd-525-535@yahoogroups.com
Date: Saturday, January 22, 2011, 11:53 AM

I couldn't have said it better.
I love my 535D and it is the defacto casual listener. It has some of the best ergonomics I've seen and technically is a great radio.
When things get serious, I go to the 545's DSP technology. You really can't beat the filter selections for anything less than a Watkins-Johnson HF-1000 or TenTec R-340 ... at 3 to 4 kilo-bucks. At half the price, the 545 is a real gem.
I'm not a big fan of digitally processed audio, but connected to a suitable external

speaker, or played through my audio system, it's fine.

Bob, N1KPR

http://www.bobsamerica.com
* Music * Audio * Radio *
"It's all good"

--- On Sat, 1/22/11, Myteaquinn <myteaquinn@...> wrote:

Here is your standard wishy-washy reply. I have both using the same antenna through a splitter and both have different assets. The NRD-535D is easier to use and to me sounds better. But the NRD-545 seems to be better at digging out signals, what I can hear on the 545 I may not hear on the 535. Also with the additional controls on the 545 you may dig a signal out of the static at the expense of audio quality. So it depends I guess on what you want to listen to.

myteaquinn, west of Cleveland

2318. Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-23 09:38:41 UTC
From: halloprinzessin
Topic: 2307 Message: 2318

Hello Brian

i am not that into programming...:-(
Would it be possible for you to upload it here ?

Stefan

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Stefan:
> The CMH-530 is pretty easy to control with software. I found it easy to
> write a Visual Basic program for it. The CMH-530 works pretty well for
> Meteo adn amatuer radio RTTY.
> Brian
> KB1VBF
> http://home.comcast.net/~b.denley/index.html
>
> ----- Original Message -----
> From: "halloprinzessin" <halloprinzessin@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Saturday, January 22, 2011 3:10 PM
> Subject: [nrd-525-535] Re: Using the cmh-530
>
>
> Thanks Adriaan for your very fast reply.
>
> I heard about all the other programms that use the the
> soundcard and that they would be much easier to use...
>
> Will take a closer look now at the RXWings software.
> Having the cmh-530 card installed i "at least will have
> the wonderful moment that i can say: it works!!!"
>
> An if rtty receiption really "infects" me i am sure there are
> much better programms
>
> Thanx again
>
> Stefan
>

2319. Re: 535D or 545?

Yahoo group: nrd-525-535
Date: 2011-01-23 22:32:34 UTC
From: floriselda48
Topic: 2305 Message: 2319

THANK YOU SO MUCH EVERYONE FOR YOUR REPLIES- THEY ARE EXTREMELY HELPFUL AND I AM GOING WITH THE 535D FOR SURE. FUNNY THAT THE ERGONOMICS WERE MENTIONED BECAUSE I NOTICED THE 535 SEEMED TO LOOK BETTER THAN THE 545 RIGHT AWAY.

--- In nrd-525-535@yahoogroups.com, "Charles Bolland" <ka4prf@...> wrote:
>
> Hi friends,
>
> I have a number of receivers including the 535D, 545
> and the Watkins Johnson HF1000.
> The best audio comes out of the HF1000. It has it's
> own quality speaker built in and
> sounds robust compared to the 535D and 545. All three
> receivers have equal sensitivity
> in my opinion. The one that's easier to use for DXing,
> however, is the 545 and that's the one
> I end up using daily.
>
> For the person who wanted to copy RTTY with the 535D,
> the build in code of the 535D and
> 545 needed to copy RTTY is only good enough to copy up
> to 75 Baud rate and all those
> other systems out there for RTTY are out of reach for
> the 535D or 545. I wrote a program
> for the 535D and 545 that copies RTTY and the only time
> I ever got readable tty was
> from Hams and a Station in Germany. One can use the
> 535D to find the RTTY signals
> and have a regular RTTY program read it, but they are
> expensive the last time I investigated.
>
>
> By the way, I have the filter slots filled up with
> different size filters in the 535D, so I am
> able to try different combinations for reception
> quality. The 545 doesn't allow that. Its'
> filters are software controlled, as is the HF1000.
>
> I say get what you think is the best, considering the
> price etc, and stay with it. Whatever
> you do, don't do what I did. Ofcourse, I might have
> had a problem buying a new car
> every year. Forunately I didn't. I lost that habit
> many years ago when I got into radios.
>

> Chuck
>
>
> _____
>
> From: nrd-525-535@yahoogroups.com
> [mailto:nrd-525-535@yahoogroups.com] On Behalf Of
> nrd_535d
> Sent: Saturday, January 22, 2011 20:17
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] Re: 535D or 545?
>
>
>
>
>
> Hi Chris:
> I now have a modified NRD-535Db. Many modifications
> made by myself and Kiwa Electronics. Bandwidth Filters:
> 1.0, 2.0, 4.0, and 5.5. Due to the modifications, I
> truly love this receiver and would only give it up for
> something truly magnificent with an outrageous price
> tag. But considering that I now live on a fixed income,
> I probably will now not do that.
>
> Thinking I could get an even better receiver when doing
> modifications on the NRD-545. I got one and proceeded.
> I ended up selling my moded 545 and kept my 535Db. The
> reasons were as follows:
>
> I agree with myteaquinn as stated in his response. I
> too find the NRD-535D much easier to use and to me
> sounds better than the 545. And, when using the same
> antenna I too could pick up weaker broadcasts on the
> 545, but to my ears they were not understandable. Since
> I'm a voice broadcast Dxer, I need to understand what
> is being said, so being able to receive a weak
> unreadable station is a useless feature for me (but if
> you are into any form of non voice DXing then the 545
> is a tad better).
>
> Also I am NOT a fan of NRDs approach to DSP (Digital
> Signal Processing) in the 545. to my ears it makes the
> voice quality worse and in many cases makes a broadcast
> irritable to listen to, and many weak broadcasts
> unreadable.
>
> In my opinion, and I do mean MY opinion. many will I'm
> sure disagree with me:
> - The 545 only excelled over the 535D in its abilities

> to receive weak Non Voice broadcasts.
> - The 535D is easier to use and sounds better than the
> 545
>
> Note:
> If you are into voice broadcasts, I highly recommend
> that you get the audio mods by Kiwa Electronics for
> both the 535D and the 545. you will NOT regret it.
>
> John Dokulil
> WDX6GMX
>

2320. Re: [nrd-525-535] Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-24 04:21:34 UTC
From: Brian Denley
Topic: 2307 Message: 2320

Stefan:
Sure. Do you have the the vbrun60 files on your computer? Most new versions of windows have them but if not they are a free download from Microsoft. They are needed to run any Visual Basic program (like mine). Let me know. If you're now sure, I will send you the link to the microsoft download. Once we have that OK I will send you the program.
Brian
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "halloprinzessin" <halloprinzessin@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, January 23, 2011 4:38 AM
Subject: [nrd-525-535] Re: Using the cmh-530

Hello Brian

i am not that into programming...:-(
Would it be possible for you to upload it here ?

Stefan

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Stefan:
> The CMH-530 is pretty easy to control with software. I found it easy to
> write a Visual Basic program for it. The CMH-530 works pretty well for
> Meteo adn amatuer radio RTTY.
> Brian
> KB1VBF

2321. Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-24 14:07:09 UTC
From: halloprinzessin
Topic: 2307 Message: 2321

Hello Brian

thanks for your reply.
Did not have it on my computer so i downloaded it from
the Microsoft page.
No prob so far.

Can`t wait to get your program :-)

Stefan

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Stefan:
> Sure. Do you have the the vbrun60 files on your computer? Most new
> versions of windows have them but if not they are a free download from
> Microsoft. They are needed to run any Visual Basic program (like mine).
> Let me know. If you're now sure, I will send you the link to the microsoft
> download. Once we have that OK I will send you the program.
> Brian
> KB1VBF
> http://home.comcast.net/~b.denley/index.html
>
>
> ----- Original Message -----
> From: "halloprinzessin" <halloprinzessin@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Sunday, January 23, 2011 4:38 AM
> Subject: [nrd-525-535] Re: Using the cmh-530
>
>
> Hello Brian
>
> i am not that into programming...:-(
> Would it be possible for you to upload it here ?
>
> Stefan
>
> --- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@> wrote:
> >
> > Stefan:
> > The CMH-530 is pretty easy to control with software. I found it easy to
> > write a Visual Basic program for it. The CMH-530 works pretty well for
> > Meteo adn amatuer radio RTTY.
> > Brian
> > KB1VBF

>

2322. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2011-01-25 00:31:28 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 2322

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /CMH530.exe
Uploaded by : brian_denley <b.denley@...>
Description : Control program for the CMH-530 RTTY card - needs VBRUN60 to run

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/CMH530.exe

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

brian_denley <b.denley@...>

2323. Re: [nrd-525-535] Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-25 00:35:12 UTC
From: Brian Denley
Topic: 2307 Message: 2323

Stefan:
I uploaded the control program to the files section. Tell me what you
think.
Brian Denley
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "halloprinzessin" <halloprinzessin@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, January 24, 2011 9:07 AM
Subject: [nrd-525-535] Re: Using the cmh-530

Hello Brian

thanks for your reply.
Did not have it on my computer so i downloaded it from
the Microsoft page.
No prob so far.

Can`t wait to get your program :-)

Stefan

2324. Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-25 23:29:39 UTC
From: halloprinzessin
Topic: 2307 Message: 2324

Hello Brian,

thanx for sharing the program !!!

I installed it a few hours ago and it was much more than i expected.
You did a very good job !

Experiences with it so far:

(took the strongest Rtty weather service i could receive the DWD with S9+10)

First hour: nothing but rows of M´s and T´s an O`s etc.that made no sense.
Then i switched off the receiver for a few seconds...switched it on again and there it was:

About 30 minutes of weather forecast without even 1 mistake.
Brilliant !

From one moment to the other (without making any changes) the same letter problem again :-(

No clue yet but to find out what is going wrong will be the next step.

Thanks again

Stefan

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Stefan:
> I uploaded the control program to the files section. Tell me what you
> think.
> Brian Denley
> KB1VBF
> http://home.comcast.net/~b.denley/index.html
>
> ----- Original Message -----
> From: "halloprinzessin" <halloprinzessin@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Monday, January 24, 2011 9:07 AM
> Subject: [nrd-525-535] Re: Using the cmh-530
>
>
> Hello Brian
>
> thanks for your reply.
> Did not have it on my computer so i downloaded it from
> the Microsoft page.
> No prob so far.
>

> Can`t wait to get your program :-)
>
> Stefan
>

2325. Re: [nrd-525-535] Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-26 02:18:45 UTC
From: Brian Denley
Topic: 2307 Message: 2325

I am glad it works for you Stefan. I was not happy with the way the print button worked however: It only prints the received text after you exit the program. I wasn't sure how to fix that.
Brian
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "halloprinzessin" <easwk@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, January 25, 2011 6:29 PM
Subject: [nrd-525-535] Re: Using the cmh-530

Hello Brian,

thanx for sharing the program !!!

I installed it a few hours ago and it was much more than i expected.
You did a very good job !

Experiences with it so far:

(took the strongest Rtty weather service i could receive the DWD with S9+10)

First hour: nothing but rows of M?s and T?s an O`s etc.that made no sense.
Then i switched off the receiver for a few seconds...switched it on again
and there it was:

About 30 minutes of weather forecast without even 1 mistake.
Brilliant !

From one moment to the other (without making any changes) the same letter
problem again :-(

No clue yet but to find out what is going wrong will be the next step.

Thanks again

Stefan

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Stefan:
> I uploaded the control program to the files section. Tell me what you
> think.
> Brian Denley
> KB1VBF
> http://home.comcast.net/~b.denley/index.html

>
> ----- Original Message -----
> From: "halloprinzessin" <halloprinzessin@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Monday, January 24, 2011 9:07 AM
> Subject: [nrd-525-535] Re: Using the cmh-530
>
>
> Hello Brian
>
> thanks for your reply.
> Did not have it on my computer so i downloaded it from
> the Microsoft page.
> No prob so far.
>
> Can`t wait to get your program :-)
>
> Stefan
>

2326. Re: [nrd-525-535] Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-26 03:00:25 UTC
From: Brian Denley
Topic: 2307 Message: 2326

Stefan:
By the way, most weather stations that I have copied were at 75 baud, Normal and 850 shift width. BUT the program I wrote always starts up at 45 baud, Normal and 170 shift width, more typical for amateur RTTY. So you have to change the buttons when you start up the program. Also always try Reverse if you get jibberish.
Brian
KB1VBF
http://home.comcast.net/~b.denley/index.html
----- Original Message -----
From: "halloprinzessin" <easwk@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, January 25, 2011 6:29 PM
Subject: [nrd-525-535] Re: Using the cmh-530

Hello Brian,

thanx for sharing the program !!!

I installed it a few hours ago and it was much more than i expected.
You did a very good job !

Experiences with it so far:

(took the strongest Rtty weather service i could receive the DWD with S9+10)

First hour: nothing but rows of M?s and T?s an O`s etc.that made no sense.
Then i switched off the receiver for a few seconds...switched it on again and there it was:

About 30 minutes of weather forecast without even 1 mistake.
Brilliant !

From one moment to the other (without making any changes) the same letter problem again :-(

No clue yet but to find out what is going wrong will be the next step.

Thanks again

Stefan

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Stefan:
> I uploaded the control program to the files section. Tell me what you
> think.
> Brian Denley

> KB1VBF
> http://home.comcast.net/~b.denley/index.html
>
> ----- Original Message -----
> From: "halloprinzessin" <halloprinzessin@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Monday, January 24, 2011 9:07 AM
> Subject: [nrd-525-535] Re: Using the cmh-530
>
>
> Hello Brian
>
> thanks for your reply.
> Did not have it on my computer so i downloaded it from
> the Microsoft page.
> No prob so far.
>
> Can`t wait to get your program :-)
>
> Stefan
>

2327. RE: [nrd-525-535] Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-26 11:00:57 UTC
From: Charles Bolland
Topic: 2307 Message: 2327

Stefan,

What was the frequency of your weather transmission. I would
like to copy it too.

Thanks

Chuck

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of halloprinzessin
Sent: Tuesday, January 25, 2011 23:30
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: Using the cmh-530

Hello Brian,

thanx for sharing the program !!!

I installed it a few hours ago and it was much more than i expected.
You did a very good job !

Experiences with it so far:

(took the strongest Rtty weather service i could receive the DWD with S9+10)

First hour: nothing but rows of M´s and T´s an O`s etc.that made no sense.
Then i switched off the receiver for a few seconds...switched it on again and there it was:

About 30 minutes of weather forecast without even 1 mistake.
Brilliant !

From one moment to the other (without making any changes) the same letter problem again :-(

No clue yet but to find out what is going wrong will be the next step.

Thanks again

Stefan

--- In nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com> , "Brian Denley"
<b.denley@...> wrote:
>
> Stefan:
> I uploaded the control program to the files section.
Tell me what you
> think.
> Brian Denley
> KB1VBF
> http://home.comcast.net/~b.denley/index.html
>
> ----- Original Message -----
> From: "halloprinzessin" <halloprinzessin@...>
> To: <nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com> >
> Sent: Monday, January 24, 2011 9:07 AM
> Subject: [nrd-525-535] Re: Using the cmh-530
>
>
> Hello Brian
>
> thanks for your reply.
> Did not have it on my computer so i downloaded it
from
> the Microsoft page.
> No prob so far.
>
> Can`t wait to get your program :-)
>
> Stefan
>

2328. Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-26 12:31:41 UTC
From: halloprinzessin
Topic: 2307 Message: 2328

To Brian and Chuck

The station i received was DWD (the Deutsche Wetter Dienst)on Longwave 147,3 kHz.

Callsign: DDH47
Transmitts 24hrs from Pinneberg (north of Germany) with 20kW`s
Baudrate is 50
Shift is 42,5 +/-
reverse

Will try it again tonite and maybe this time i will find
out what my? mistake was :-)

73`s from Germany

Stefan

--- In nrd-525-535@yahoogroups.com, "Charles Bolland" <ka4prf@...> wrote:
>
> Stefan,
>
> What was the frequency of your weather transmission. I
> would
> like to copy it too.
>
> Thanks
>
> Chuck
>
>
> _____
>
> From: nrd-525-535@yahoogroups.com
> [mailto:nrd-525-535@yahoogroups.com] On Behalf Of
> halloprinzessin
> Sent: Tuesday, January 25, 2011 23:30
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] Re: Using the cmh-530
>
>
>
>
>
> Hello Brian,
>
> thanx for sharing the program !!!
>

> I installed it a few hours ago and it was much more
> than i expected.
> You did a very good job !
>
> Experiences with it so far:
>
> (took the strongest Rtty weather service i could
> receive the DWD with S9+10)
>
> First hour: nothing but rows of M´s and T´s an O`s
> etc.that made no sense.
> Then i switched off the receiver for a few
> seconds...switched it on again and there it was:
>
> About 30 minutes of weather forecast without even 1
> mistake.
> Brilliant !
>
> From one moment to the other (without making any
> changes) the same letter problem again :-(
>
> No clue yet but to find out what is going wrong will be
> the next step.
>
> Thanks again
>
> Stefan
>
> --- In nrd-525-535@yahoogroups.com
> <mailto:nrd-525-535%40yahoogroups.com> , "Brian Denley"
> <b.denley@> wrote:
> >
> > Stefan:
> > I uploaded the control program to the files section.
> Tell me what you
> > think.
> > Brian Denley
> > KB1VBF
> > http://home.comcast.net/~b.denley/index.html
> >
> > ----- Original Message -----
> > From: "halloprinzessin" <halloprinzessin@>
> > To: <nrd-525-535@yahoogroups.com
> <mailto:nrd-525-535%40yahoogroups.com> >
> > Sent: Monday, January 24, 2011 9:07 AM
> > Subject: [nrd-525-535] Re: Using the cmh-530
> >
> >
> > Hello Brian
> >

> > thanks for your reply.
> > Did not have it on my computer so i downloaded it
> from
> > the Microsoft page.
> > No prob so far.
> >
> > Can`t wait to get your program :-)
> >
> > Stefan
> >
>

2329. Re: [nrd-525-535] Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-26 13:05:03 UTC
From: b.denley@comcast.net
Topic: 2307 Message: 2329

Stefan:

What method are you using for tuning? What mode and filter (RTTY and 1000 Hz would be about right) Do you have the 'D' model 535? It's narrow filter should be 1000 Hz. what is your setting for User Definition #8?

Brian

KB1VBF

----- Original Message -----
From: "halloprinzessin" <easwk@...>
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, January 26, 2011 7:31:41 AM
Subject: [nrd-525-535] Re: Using the cmh-530

To Brian and Chuck

The station i received was DWD (the Deutsche Wetter Dienst)on Longwave 147,3 kHz.

Callsign: DDH47
Transmitts 24hrs from Pinneberg (north of Germany) with 20kW`s
Baudrate is 50
Shift is 42,5 +/-
reverse

Will try it again tonite and maybe this time i will find
out what my? mistake was :-)

73`s from Germany

Stefan

--- In nrd-525-535@yahoogroups.com , "Charles Bolland" <ka4prf@...> wrote:
>
> Stefan,
>
> What was the frequency of your weather transmission. I
> would
> like to copy it too.
>
> Thanks
>
> Chuck
>
>
> _____
>

> From: nrd-525-535@yahoogroups.com
> [mailto: nrd-525-535@yahoogroups.com] On Behalf Of
> halloprinzessin
> Sent: Tuesday, January 25, 2011 23:30
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] Re: Using the cmh-530
>
>
>
>
> Hello Brian,
>
> thanx for sharing the program !!!
>
> I installed it a few hours ago and it was much more
> than i expected.
> You did a very good job !
>
> Experiences with it so far:
>
> (took the strongest Rtty weather service i could
> receive the DWD with S9+10)
>
> First hour: nothing but rows of M´s and T´s an O`s
> etc.that made no sense.
> Then i switched off the receiver for a few
> seconds...switched it on again and there it was:
>
> About 30 minutes of weather forecast without even 1
> mistake.
> Brilliant !
>
> From one moment to the other (without making any
> changes) the same letter problem again :-(
>
> No clue yet but to find out what is going wrong will be
> the next step.
>
> Thanks again
>
> Stefan
>
> --- In nrd-525-535@yahoogroups.com
> <mailto:nrd-525-535%40yahoogroups.com> , "Brian Denley"
> <b.denley@> wrote:
> >
> > Stefan:
> > I uploaded the control program to the files section.
> Tell me what you
> > think.

> > Brian Denley
> > KB1VBF
> > http://home.comcast.net/~b.denley/index.html
> >
> > ----- Original Message -----
> > From: "halloprinzessin" <halloprinzessin@>
> > To: < nrd-525-535@yahoogroups.com
> <mailto:nrd-525-535%40yahoogroups.com> >
> > Sent: Monday, January 24, 2011 9:07 AM
> > Subject: [nrd-525-535] Re: Using the cmh-530
> >
> >
> > Hello Brian
> >
> > thanks for your reply.
> > Did not have it on my computer so i downloaded it
> from
> > the Microsoft page.
> > No prob so far.
> >
> > Can`t wait to get your program :-)
> >
> > Stefan
> >
>

2330. Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-26 13:39:59 UTC
From: halloprinzessin
Topic: 2307 Message: 2330

Hello Brian,

It`s the 535D model.
I tried it with the 1000Hz filter and the 500Hz Filter in the Aux
position but the 1000Hz was much clearer...you are right with that.
For tuning i first use the tuning knob...and then the Tone knob
keeping an eye on the both LED`s (mark-space indicator)

I just took a look ath the user definition number 8
It`s a 1 for local shift.

Not exactly sure about the meaning.

Stefan

--- In nrd-525-535@...m, b.denley@... wrote:
>
>
>
> Stefan:
>
> What method are you using for tuning?Â What mode and filter (RTTY and 1000 Hz would be about right)Â Do you have the 'D' model 535? It's narrow filter should be 1000 Hz.Â what is your setting for User Definition #8?
>
> Brian
>
> KB1VBF
>
>
> ----- Original Message -----
> From: "halloprinzessin" <easwk@...>
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, January 26, 2011 7:31:41 AM
> Subject: [nrd-525-535] Re: Using the cmh-530
>
> Â
>
>
>
>
>
> To Brian and Chuck
>
> The station i received was DWD (the Deutsche Wetter Dienst)on Longwave 147,3 kHz.
>
> Callsign: DDH47

> Transmitts 24hrs from Pinneberg (north of Germany) with 20kW`s
> Baudrate is 50
> Shift is 42,5 +/-
> reverse
>
> Will try it again tonite and maybe this time i will find
> out what my? mistake was :-)
>
> 73`s from Germany
>
> Stefan
>
> --- In nrd-525-535@yahoogroups.com , "Charles Bolland" <ka4prf@> wrote:
> >
> > Stefan,
> >
> > What was the frequency of your weather transmission. I
> > would
> > like to copy it too.
> >
> > Thanks
> >
> > Chuck
> >
> >
> > _____
> >
> > From: nrd-525-535@yahoogroups.com
> > [mailto: nrd-525-535@yahoogroups.com] On Behalf Of
> > halloprinzessin
> > Sent: Tuesday, January 25, 2011 23:30
> > To: nrd-525-535@yahoogroups.com
> > Subject: [nrd-525-535] Re: Using the cmh-530
> >
> >
> >
> >
> >
> > Hello Brian,
> >
> > thanx for sharing the program !!!
> >
> > I installed it a few hours ago and it was much more
> > than i expected.
> > You did a very good job !
> >
> > Experiences with it so far:
> >
> > (took the strongest Rtty weather service i could
> > receive the DWD with S9+10)
> >

> > First hour: nothing but rows of MÂ´s and TÂ´s an O`s
> > etc.that made no sense.
> > Then i switched off the receiver for a few
> > seconds...switched it on again and there it was:
> >
> > About 30 minutes of weather forecast without even 1
> > mistake.
> > Brilliant !
> >
> > From one moment to the other (without making any
> > changes) the same letter problem again :-(
> >
> > No clue yet but to find out what is going wrong will be
> > the next step.
> >
> > Thanks again
> >
> > Stefan
> >
> > --- In nrd-525-535@yahoogroups.com
> > <mailto:nrd-525-535%40yahoogroups.com> , "Brian Denley"
> > <b.denley@> wrote:
> > >
> > > Stefan:
> > > I uploaded the control program to the files section.
> > Tell me what you
> > > think.
> > > Brian Denley
> > > KB1VBF
> > > http://home.comcast.net/~b.denley/index.html
> > >
> > > ----- Original Message -----
> > > From: "halloprinzessin" <halloprinzessin@>
> > > To: < nrd-525-535@yahoogroups.com
> > <mailto:nrd-525-535%40yahoogroups.com> >
> > > Sent: Monday, January 24, 2011 9:07 AM
> > > Subject: [nrd-525-535] Re: Using the cmh-530
> > >
> > >
> > > Hello Brian
> > >
> > > thanks for your reply.
> > > Did not have it on my computer so i downloaded it
> > from
> > > the Microsoft page.
> > > No prob so far.
> > >
> > > Can`t wait to get your program :-)
> > >
> > > Stefan

> > >
> >
>

2331. Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-26 19:33:36 UTC
From: halloprinzessin
Topic: 2307 Message: 2331

Hi Brian ...me again.

runs great now. Started it again about 1 hour ago -without any changes-.
Not sure what it was last night.
Even if i change frequency, filter or whatever...the moment i switch back it reacts very fast and demodulates it correctly.

Thanks again for your help.

Now i am already curious to find more interesting RTTY signals.

73`s to MA

Stefan

In nrd-525-535@yahoogroups.com, "halloprinzessin" <easwk@...> wrote:
>
> Hello Brian,
>
> It`s the 535D model.
> I tried it with the 1000Hz filter and the 500Hz Filter in the Aux
> position but the 1000Hz was much clearer...you are right with that.
> For tuning i first use the tuning knob...and then the Tone knob
> keeping an eye on the both LED`s (mark-space indicator)
>
> I just took a look ath the user definition number 8
> It`s a 1 for local shift.
>
> Not exactly sure about the meaning.
>
> Stefan
>
>
> --- In nrd-525-535@yahoogroups.com, b.denley@ wrote:
> >
> >
> >
> > Stefan:
> >
> > What method are you using for tuning?Â What mode and filter (RTTY and 1000 Hz would be about right)Â Do you have the 'D' model 535? It's narrow filter should be 1000 Hz.Â what is your setting for User Definition #8?
> >
> > Brian
> >
> > KB1VBF

> >
> >
> > ----- Original Message -----
> > From: "halloprinzessin" <easwk@>
> > To: nrd-525-535@yahoogroups.com
> > Sent: Wednesday, January 26, 2011 7:31:41 AM
> > Subject: [nrd-525-535] Re: Using the cmh-530
> >
> > Â
> >
> >
> >
> >
> > To Brian and Chuck
> >
> > The station i received was DWD (the Deutsche Wetter Dienst)on Longwave 147,3 kHz.
> >
> > Callsign: DDH47
> > Transmitts 24hrs from Pinneberg (north of Germany) with 20kW`s
> > Baudrate is 50
> > Shift is 42,5 +/-
> > reverse
> >
> > Will try it again tonite and maybe this time i will find
> > out what my? mistake was :-)
> >
> > 73`s from Germany
> >
> > Stefan
> >
> > --- In nrd-525-535@yahoogroups.com , "Charles Bolland" <ka4prf@> wrote:
> > >
> > > Stefan,
> > >
> > > What was the frequency of your weather transmission. I
> > > would
> > > like to copy it too.
> > >
> > > Thanks
> > >
> > > Chuck
> > >
> > >
> > > _____
> > >
> > > From: nrd-525-535@yahoogroups.com
> > > [mailto: nrd-525-535@yahoogroups.com] On Behalf Of
> > > halloprinzessin
> > > Sent: Tuesday, January 25, 2011 23:30
> > > To: nrd-525-535@yahoogroups.com

> > > Subject: [nrd-525-535] Re: Using the cmh-530
> > >
> > >
> > >
> > >
> > > Hello Brian,
> > >
> > > thanx for sharing the program !!!
> > >
> > > I installed it a few hours ago and it was much more
> > > than i expected.
> > > You did a very good job !
> > >
> > > Experiences with it so far:
> > >
> > > (took the strongest Rtty weather service i could
> > > receive the DWD with S9+10)
> > >
> > > First hour: nothing but rows of MÂ´s and TÂ´s an O`s
> > > etc.that made no sense.
> > > Then i switched off the receiver for a few
> > > seconds...switched it on again and there it was:
> > >
> > > About 30 minutes of weather forecast without even 1
> > > mistake.
> > > Brilliant !
> > >
> > > From one moment to the other (without making any
> > > changes) the same letter problem again :-(
> > >
> > > No clue yet but to find out what is going wrong will be
> > > the next step.
> > >
> > > Thanks again
> > >
> > > Stefan
> > >
> > > --- In nrd-525-535@yahoogroups.com
> > > <mailto:nrd-525-535%40yahoogroups.com> , "Brian Denley"
> > > <b.denley@> wrote:
> > > >
> > > > Stefan:
> > > > I uploaded the control program to the files section.
> > > Tell me what you
> > > > think.
> > > > Brian Denley
> > > > KB1VBF
> > > > http://home.comcast.net/~b.denley/index.html
> > > >
> > > > ----- Original Message -----

> > > > From: "halloprinzessin" <halloprinzessin@>
> > > > To: < nrd-525-535@yahoogroups.com
> > > <mailto:nrd-525-535%40yahoogroups.com> >
> > > > Sent: Monday, January 24, 2011 9:07 AM
> > > > Subject: [nrd-525-535] Re: Using the cmh-530
> > > > >
> > > > >
> > > > Hello Brian
> > > > >
> > > > thanks for your reply.
> > > > Did not have it on my computer so i downloaded it
> > > from
> > > > the Microsoft page.
> > > > No prob so far.
> > > > >
> > > > Can`t wait to get your program :-)
> > > > >
> > > > Stefan
> > > > >
> > > >
> > >
>

2332. Re: [nrd-525-535] Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-26 19:41:17 UTC
From: b.denley@comcast.net
Topic: 2307 Message: 2332

Stefan:

Great to hear! have fun with the program. If you need any changes, let me know and I will see that I can do.

Brian

----- Original Message -----
From: "halloprinzessin" <easwk@...>
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, January 26, 2011 2:33:36 PM
Subject: [nrd-525-535] Re: Using the cmh-530

Hi Brian ...me again.

runs great now. Started it again about 1 hour ago -without any changes-.
Not sure what it was last night.
Even if i change frequency, filter or whatever...the moment i switch back it reacts very fast and demodulates it correctly.

Thanks again for your help.

Now i am already curious to find more interesting RTTY signals.

73`s to MA

Stefan

In nrd-525-535@yahoogroups.com , "halloprinzessin" <easwk@...> wrote:
>
> Hello Brian,
>
> It`s the 535D model.
> I tried it with the 1000Hz filter and the 500Hz Filter in the Aux
> position but the 1000Hz was much clearer...you are right with that.
> For tuning i first use the tuning knob...and then the Tone knob
> keeping an eye on the both LED`s (mark-space indicator)
>
> I just took a look ath the user definition number 8
> It`s a 1 for local shift.
>
> Not exactly sure about the meaning.
>
> Stefan
>
>
> --- In nrd-525-535@yahoogroups.com , b.denley@ wrote:

> >
> >
> >
> > Stefan:
> >
> > What method are you using for tuning?Â What mode and filter (RTTY and 1000 Hz would be about right)Â Do you have the 'D' model 535? It's narrow filter should be 1000 Hz.Â what is your setting for User Definition #8?
> >
> > Brian
> >
> > KB1VBF
> >
> >
> > ----- Original Message -----
> > From: "halloprinzessin" <easwk@>
> > To: nrd-525-535@yahoogroups.com
> > Sent: Wednesday, January 26, 2011 7:31:41 AM
> > Subject: [nrd-525-535] Re: Using the cmh-530
> >
> > Â
> >
> >
> >
> >
> > To Brian and Chuck
> >
> > The station i received was DWD (the Deutsche Wetter Dienst)on Longwave 147,3 kHz.
> >
> > Callsign: DDH47
> > Transmitts 24hrs from Pinneberg (north of Germany) with 20kW`s
> > Baudrate is 50
> > Shift is 42,5 +/-
> > reverse
> >
> > Will try it again tonite and maybe this time i will find
> > out what my? mistake was :-)
> >
> > 73`s from Germany
> >
> > Stefan
> >
> > --- In nrd-525-535@yahoogroups.com , "Charles Bolland" <ka4prf@> wrote:
> > >
> > > Stefan,
> > >
> > > What was the frequency of your weather transmission. I
> > > would
> > > like to copy it too.
> > >

> > > Thanks
> > >
> > > Chuck
> > >
> > >
> > > _____
> > >
> > > From: nrd-525-535@yahoogroups.com
> > > [mailto: nrd-525-535@yahoogroups.com] On Behalf Of
> > > halloprinzessin
> > > Sent: Tuesday, January 25, 2011 23:30
> > > To: nrd-525-535@yahoogroups.com
> > > Subject: [nrd-525-535] Re: Using the cmh-530
> > >
> > >
> > >
> > >
> > >
> > > Hello Brian,
> > >
> > > thanx for sharing the program !!!
> > >
> > > I installed it a few hours ago and it was much more
> > > than i expected.
> > > You did a very good job !
> > >
> > > Experiences with it so far:
> > >
> > > (took the strongest Rtty weather service i could
> > > receive the DWD with S9+10)
> > >
> > > First hour: nothing but rows of MÂ´s and TÂ´s an O`s
> > > etc.that made no sense.
> > > Then i switched off the receiver for a few
> > > seconds...switched it on again and there it was:
> > >
> > > About 30 minutes of weather forecast without even 1
> > > mistake.
> > > Brilliant !
> > >
> > > From one moment to the other (without making any
> > > changes) the same letter problem again :-(
> > >
> > > No clue yet but to find out what is going wrong will be
> > > the next step.
> > >
> > > Thanks again
> > >
> > > Stefan
> > >
> > > --- In nrd-525-535@yahoogroups.com

> > > <mailto:nrd-525-535%40yahoogroups.com> , "Brian Denley"
> > > <b.denley@> wrote:
> > > >
> > > > Stefan:
> > > > I uploaded the control program to the files section.
> > > Tell me what you
> > > > think.
> > > > Brian Denley
> > > > KB1VBF
> > > > http://home.comcast.net/~b.denley/index.html
> > > >
> > > > ----- Original Message -----
> > > > From: "halloprinzessin" <halloprinzessin@>
> > > > To: < nrd-525-535@yahoogroups.com
> > > <mailto:nrd-525-535%40yahoogroups.com> >
> > > > Sent: Monday, January 24, 2011 9:07 AM
> > > > Subject: [nrd-525-535] Re: Using the cmh-530
> > > > >
> > > > >
> > > > Hello Brian
> > > > >
> > > > thanks for your reply.
> > > > Did not have it on my computer so i downloaded it
> > > from
> > > > the Microsoft page.
> > > > No prob so far.
> > > > >
> > > > Can`t wait to get your program :-)
> > > > >
> > > > Stefan
> > > > >
> > > >
> > >
>

2333. RE: [nrd-525-535] Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-01-26 22:16:23 UTC
From: Charles Bolland
Topic: 2307 Message: 2333

Stefan,

Thanks for that information. That''s probably too low
for me to hear
it from where I live in Florida? Anyway, I will keep
that station in
mind.

Chuck

_____

From: nrd-525-535@yahoogroups.com
[mailto:nrd-525-535@yahoogroups.com] On Behalf Of
halloprinzessin
Sent: Wednesday, January 26, 2011 12:32
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: Using the cmh-530

To Brian and Chuck

The station i received was DWD (the Deutsche Wetter
Dienst)on Longwave 147,3 kHz.

Callsign: DDH47
Transmitts 24hrs from Pinneberg (north of Germany) with
20kW`s
Baudrate is 50
Shift is 42,5 +/-
reverse

Will try it again tonite and maybe this time i will
find
out what my? mistake was :-)

73`s from Germany

Stefan

--- In nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com> , "Charles
Bolland" <ka4prf@...> wrote:
>
> Stefan,
>
> What was the frequency of your weather transmission.
I
> would

> like to copy it too.
>
> Thanks
>
> Chuck
>
>
> _____
>
> From: nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com>
> [mailto:nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com>] On Behalf Of
> halloprinzessin
> Sent: Tuesday, January 25, 2011 23:30
> To: nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com>
> Subject: [nrd-525-535] Re: Using the cmh-530
>
>
>
>
> Hello Brian,
>
> thanx for sharing the program !!!
>
> I installed it a few hours ago and it was much more
> than i expected.
> You did a very good job !
>
> Experiences with it so far:
>
> (took the strongest Rtty weather service i could
> receive the DWD with S9+10)
>
> First hour: nothing but rows of M´s and T´s an O`s
> etc.that made no sense.
> Then i switched off the receiver for a few
> seconds...switched it on again and there it was:
>
> About 30 minutes of weather forecast without even 1
> mistake.
> Brilliant !
>
> From one moment to the other (without making any
> changes) the same letter problem again :-(
>
> No clue yet but to find out what is going wrong will
be
> the next step.

>
> Thanks again
>
> Stefan
>
> --- In nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com>
> <mailto:nrd-525-535%40yahoogroups.com> , "Brian
Denley"
> <b.denley@> wrote:
> >
> > Stefan:
> > I uploaded the control program to the files
section.
> Tell me what you
> > think.
> > Brian Denley
> > KB1VBF
> > http://home.comcast.net/~b.denley/index.html
> >
> > ----- Original Message -----
> > From: "halloprinzessin" <halloprinzessin@>
> > To: <nrd-525-535@yahoogroups.com
<mailto:nrd-525-535%40yahoogroups.com>
> <mailto:nrd-525-535%40yahoogroups.com> >
> > Sent: Monday, January 24, 2011 9:07 AM
> > Subject: [nrd-525-535] Re: Using the cmh-530
> >
> >
> > Hello Brian
> >
> > thanks for your reply.
> > Did not have it on my computer so i downloaded it
> from
> > the Microsoft page.
> > No prob so far.
> >
> > Can`t wait to get your program :-)
> >
> > Stefan
> >
>

2334. NRD 535D Speaker Question

Yahoo group: nrd-525-535
Date: 2011-01-30 20:38:47 UTC
From: SMS_1947
Topic: 2334 Message: 2334

Hello All,

Is it possible to turn off the internal speaker when using an external speaker (plugged into the ext sp jack)?

TIA,

Margetts

2335. Re: [nrd-525-535] NRD 535D Speaker Question

Yahoo group: nrd-525-535
Date: 2011-01-30 22:45:24 UTC
From: Myteaquinn
Topic: 2334 Message: 2335

I may be wrong but I thought that the internal speaker was muted when another speaker was plugged into the radio. I haven't had any problems with mine.
 myteaquinn, west of Cleveland

From: SMS_1947 <margetts@...>
To: nrd-525-535@yahoogroups.com
Sent: Sun, January 30, 2011 3:38:47 PM
Subject: [nrd-525-535] NRD 535D Speaker Question

Hello All,

Is it possible to turn off the internal speaker when using an external speaker (plugged into the ext sp jack)?

TIA,

Margetts

2336. Re: NRD 535D Speaker Question

Yahoo group: nrd-525-535
Date: 2011-01-30 23:04:29 UTC
From: muanait
Topic: 2334 Message: 2336

Yes - my 535 also mutes the internal speaker when an external one is connected. Same applies to my JRC JST-245 transceiver.

Batt

--- In nrd-525-535@yahoogroups.com, Myteaquinn <myteaquinn@...> wrote:
>
> I may be wrong but I thought that the internal speaker was muted when another
> speaker was plugged into theÂ radio. I haven't had any problems with mine.
> Â myteaquinn,Â west of Cleveland
>
>
>
>
>
> _____
> From: SMS_1947 <margetts@...>
> To: nrd-525-535@yahoogroups.com
> Sent: Sun, January 30, 2011 3:38:47 PM
> Subject: [nrd-525-535] NRD 535D Speaker Question
>
> Â
> Hello All,
>
> Is it possible to turn off the internal speaker when using an external speaker
> (plugged into the ext sp jack)?
>
> TIA,
>
> Margetts
>

2337. Re: NRD-535 tested boards and other parts.

Yahoo group: nrd-525-535
Date: 2011-01-31 02:02:56 UTC
From: Robert
Topic: 2211 Message: 2337

Do you have any of the buttons as mine are worn off.
Thanks
Bob Montgomery

--- In nrd-525-535@yahoogroups.com, "joeimbrogno" <glassman1@...> wrote:
>
>
>
> --- In nrd-525-535@yahoogroups.com, "joeimbrogno" <glassman1@> wrote:
> >
> > Hello all.
> >
> > I currently have available for sale tested boards from my NRD-535D.
> > Also available is nearly everything else with some exceptions.
> > Please email me with your needs. I am parting out the radio so just ask for the items
you need.
> >
> > Here are the boards available:
> > a)CFH-36A - IF FILTER BOARD - (1000hz filter sold)
> > b)CFL-243 - BWC (SOLD)
> > c)CAE-227 - IF AMP
> > d)CMF-78 - ECSS (SOLD)
> > e)CGA-145 - LOOP1
> > f)CGK127A - REF/DDS
> > g)CDC493AD - CPU
> > h)CFQ3597 - MOTHERBOARD
> > i)Top and Bottom cases etc:
>
> +++PLEASE EMAIL ME FOR PHOTOS+++
> >
> > Have a safe and productive day!
> > Joe
> >
>

2338. Re: [nrd-525-535] Re: NRD-535 tested boards and other parts.

Yahoo group: nrd-525-535
Date: 2011-01-31 02:57:53 UTC
From: mparkinson1
Topic: 2211 Message: 2338

How about the front panel do you still have that also.
thanks
Matt Parkinson Military Equipment & R 390A Depot Center

2339. Re: NRD 535D Speaker Question

Yahoo group: nrd-525-535
Date: 2011-01-31 17:23:58 UTC
From: halloprinzessin
Topic: 2334 Message: 2339

Hi

took a look at the wiring diagram. It says that there is a switch
in the "ext. speaker jack" that opens the internal speaker circuit.

To me it seems like there is a problem with the switch or your speaker plug.

73`s

Stefan

--- In nrd-525-535@yahoogroups.com, "muanait" <breelane86@...> wrote:
>
> Yes - my 535 also mutes the internal speaker when an external one is connected. Same
applies to my JRC JST-245 transceiver.
>
> Batt
>
> --- In nrd-525-535@yahoogroups.com, Myteaquinn <myteaquinn@> wrote:
> >
> > I may be wrong but I thought that the internal speaker was muted when another
> > speaker was plugged into theÂ radio. I haven't had any problems with mine.
> > Â myteaquinn,Â west of Cleveland
> >
> >
> >
> >
> >
> > _____
> > From: SMS_1947 <margetts@>
> > To: nrd-525-535@yahoogroups.com
> > Sent: Sun, January 30, 2011 3:38:47 PM
> > Subject: [nrd-525-535] NRD 535D Speaker Question
> >
> > Â
> > Hello All,
> >
> > Is it possible to turn off the internal speaker when using an external speaker
> > (plugged into the ext sp jack)?
> >
> > TIA,
> >
> > Margetts
> >
>

2340. Re: [nrd-52ut it started 5-535] Re: NRD-535 tested boards and other parts.

Yahoo group: nrd-525-535
Date: 2011-01-31 17:46:45 UTC
From: Roland Sandberg
Topic: 2211 Message: 2340

Hi Ribert--- Roland here
My CGK127A - REF/DDS card ceased to function. I fixed it once, but
it went dead again. One guy asked me for 300$ for it-no way....
I had once some boards for sale- asked for 100$ for them- that´s
a reasonable price....
Roland in Finland...

Do you have any of the buttons as mine are worn off.
Thanks
Bob Montgomery

--- In nrd-525-535@yahoogroups.com, "joeimbrogno" <glassman1@...> wrote:
>
>
>
> --- In nrd-525-535@yahoogroups.com, "joeimbrogno" <glassman1@> wrote:
> >
> > Hello all.
> >
> > I currently have available for sale tested boards from my NRD-535D.
> > Also available is nearly everything else with some exceptions.
> > Please email me with your needs. I am parting out the radio so just ask for the items
you need.
> >
> > Here are the boards available:
> > a)CFH-36A - IF FILTER BOARD - (1000hz filter sold)
> > b)CFL-243 - BWC (SOLD)
> > c)CAE-227 - IF AMP
> > d)CMF-78 - ECSS (SOLD)
> > e)CGA-145 - LOOP1
> > f)CGK127A - REF/DDS
> > g)CDC493AD - CPU
> > h)CFQ3597 - MOTHERBOARD
> > i)Top and Bottom cases etc:
>
> +++PLEASE EMAIL ME FOR PHOTOS+++
> >
> > Have a safe and productive day!
> > Joe
> >
>

----- Original Message -----
From: Robert
To: nrd-525-535@yahoogroups.com
Sent: Monday, January 31, 2011 4:02 AM

Subject: [nrd-525-535] Re: NRD-535 tested boards and other parts.

Do you have any of the buttons as mine are worn off.
Thanks
Bob Montgomery

--- In nrd-525-535@yahoogroups.com, "joeimbrogno" <glassman1@...> wrote:
>
>
>
> --- In nrd-525-535@yahoogroups.com, "joeimbrogno" <glassman1@> wrote:
> >
> > Hello all.
> >
> > I currently have available for sale tested boards from my NRD-535D.
> > Also available is nearly everything else with some exceptions.
> > Please email me with your needs. I am parting out the radio so just ask for the items
you need.
> >
> > Here are the boards available:
> > a)CFH-36A - IF FILTER BOARD - (1000hz filter sold)
> > b)CFL-243 - BWC (SOLD)
> > c)CAE-227 - IF AMP
> > d)CMF-78 - ECSS (SOLD)
> > e)CGA-145 - LOOP1
> > f)CGK127A - REF/DDS
> > g)CDC493AD - CPU
> > h)CFQ3597 - MOTHERBOARD
> > i)Top and Bottom cases etc:
>
> +++PLEASE EMAIL ME FOR PHOTOS+++
> >
> > Have a safe and productive day!
> > Joe
> >
>

2341. IF BOARD CAE-227 CLOSE-UP PICS NEEDED

Yahoo group: nrd-525-535
Date: 2011-02-01 04:42:46 UTC
From: fusekilla
Topic: 2341 Message: 2341

ANYONE HAVE FOIL SIDE PICS OF THIS BOARD? DONE THE KIWA AUDIO MOD BUT NOW THE VOLUME IS REDUCED ABOUT HALF. NORMAL VOLUME AFTER MODING THE FIRST STEP/AUDIO AMP SECTION. RECEIVER IS WORKING GREAT OTHERWISE.

2342. Re: IF BOARD CAE-227 CLOSE-UP PICS NEEDED

Yahoo group: nrd-525-535
Date: 2011-02-01 05:23:20 UTC
From: larfla2
Topic: 2341 Message: 2342

Whatever your name is,
Try turning off your caps.I answered a couple of your post's before and you didn't even acknowledge or say "thanks" ??? Why bother?
--- In nrd-525-535@yahoogroups.com, "fusekilla" <justtis@...> wrote:
>
> ANYONE HAVE FOIL SIDE PICS OF THIS BOARD? DONE THE KIWA AUDIO MOD BUT NOW THE VOLUME IS REDUCED ABOUT HALF. NORMAL VOLUME AFTER MODING THE FIRST STEP/AUDIO AMP SECTION. RECEIVER IS WORKING GREAT OTHERWISE.
>

2343. Re: NRD-535 tested boards and other parts.

Yahoo group: nrd-525-535
Date: 2011-02-01 15:10:20 UTC
From: joeimbrogno
Topic: 2211 Message: 2343

--- In nrd-525-535@yahoogroups.com, "mparkinson1" <mparkinson1@...> wrote:
>
> How about the front panel do you still have that also.
> thanks
> Matt Parkinson Military Equipment & R 390A Depot Center
>
Hello Matt and all others on this site..
I have sold the complete NRD-535.
Sorry for the late posting.

2344. NRD-535D

Yahoo group: nrd-525-535
Date: 2011-02-01 15:15:06 UTC
From: joeimbrogno
Topic: 1360 Message: 2344

Hello,
I have sold the complete NRD=535D parts radio.
Sorry for the late posting.

2345. Re: IF BOARD CAE-227 CLOSE-UP PICS NEEDED

Yahoo group: nrd-525-535
Date: 2011-02-03 06:57:57 UTC
From: fusekilla
Topic: 2341 Message: 2345

You are a rude fellow aren't you? I have responded to all posts in this group, sorry! Do not turn this into a squabble.
Have you responded to:
Message 2319
Re: 535D or 545? IN THE SAME FASION AS WELL AS OTHERS?

--- In nrd-525-535@yahoogroups.com, "larfla2" <larfla2@...> wrote:

> Whatever your name is,
> Try turning off your caps.I answered a couple of your post's before and you didn't even acknowledge or say "thanks" ??? Why bother?
> --- In nrd-525-535@yahoogroups.com, "fusekilla" <justtis@> wrote:
> >
> > ANYONE HAVE FOIL SIDE PICS OF THIS BOARD? DONE THE KIWA AUDIO MOD BUT NOW THE VOLUME IS REDUCED ABOUT HALF. NORMAL VOLUME AFTER MODING THE FIRST STEP/AUDIO AMP SECTION. RECEIVER IS WORKING GREAT OTHERWISE.
> >
>

2346. New Member

Yahoo group: nrd-525-535
Date: 2011-02-25 23:04:59 UTC
From: larryzudder
Topic: 2346 Message: 2346

Hi all. Looking forward to learning and maybe sharing info on the 535 and 525.

2347. NRD 525 W/KENWOOD SP-23 EXT SPEAKER NEW from estate !!!!!!!!!!

Yahoo group: nrd-525-535
Date: 2011-02-26 10:03:07 UTC
From: Bob
Topic: 2347 Message: 2347

Bought from an estate where the owner passed and never used the radio. Looks brand new! Actually that makes it sort of brand new??

I have a MINT NRD-525 for sale. There are so many comments about the audio I added the Kenwood external speaker which really made it sound nice. The front end sensitivity is excellent. Clear crisp sound on all bands.. The radio is flawless. The top looks like it was polished. There isn't a scratch on it. Everything works and it ssounds great. I put up a dipole and before that I was using a scantenna and it still worked pretty good. I have the manual and the dust cover. The dust cover has never been removed from it wrapper.

This is a speciaslly good deal because I'll warranty the radio for 3 days money back. I just bought a Tektronix Spec Anal and I need to sell the radio to help pay for it.

I'm asking $539.00 + $25.00 shipping to the 48 states but I will ship internationally but the shipping costs will be your responsibility. The radio is stock. It's never been opened or worked on.

Call Bob at 931-498-4339 or email me at 931-498-4339

2348. Notch Filter

Yahoo group: nrd-525-535
Date: 2011-02-26 17:42:12 UTC
From: cstj23
Topic: 2348 Message: 2348

Hi to all

I have owned a 535D for a few years now and my only real gripe with this receiver,(aside the lousy MW performance). is the notch filter. I can't imagine what the engineers were thinking.It for all practical purposes doesn't work as a notch filter.I have cobbled together notch filters using 741 op-amps that run circles around this thing.I was hoping maybe someone in the group has a good fix,or an explanation of how this thing is supposed to notch anything.

Thanks, Jim

2349. Re: [nrd-525-535] Notch Filter

Yahoo group: nrd-525-535
Date: 2011-02-26 17:55:21 UTC
From: Brian Denley
Topic: 2348 Message: 2349

Mine works OK. Persoanlly I like DSP auto-notch filters better.
Brian
KB1VBF
http://home.comcast.net/~b.denley/index.html
----- Original Message -----
From: "cstj23" <costajim23@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, February 26, 2011 12:42 PM
Subject: [nrd-525-535] Notch Filter

Hi to all

I have owned a 535D for a few years now and my only real gripe with this receiver,(aside the lousy MW performance). is the notch filter. I can't imagine what the engineers were thinking.It for all practical purposes doesn't work as a notch filter.I have cobbled together notch filters using 741 op-amps that run circles around this thing.I was hoping maybe someone in the group has a good fix,or an explanation of how this thing is supposed to notch anything.

Thanks, Jim

2350. Re: Notch Filter

Yahoo group: nrd-525-535
Date: 2011-02-26 18:12:25 UTC
From: Ken
Topic: 2348 Message: 2350

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:

> Mine works OK. Persoanlly I like DSP auto-notch filters better.
> Brian
> KB1VBF

I agree, Brian....I bought one from a British company back in about
1990. It's packed away in a box at the moment because of a house move.
Wish I could remember the name but it worked like a charm!

Ken

2351. RE: [nrd-525-535] Notch Filter

Yahoo group: nrd-525-535
Date: 2011-02-26 20:23:01 UTC
From: Charles
Topic: 2348 Message: 2351

Brian,

It sounds like your notch filter needs to be aligned on your NRD535D.

I agree that the NRD535D"S notch filter is not very good, especially

if it is out of alignment.

Chuck

_____

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of Brian Denley
Sent: Saturday, February 26, 2011 3:55 PM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Notch Filter

Mine works OK. Persoanlly I like DSP auto-notch filters better.
Brian
KB1VBF
http://home.comcast.net/~b.denley/index.html
----- Original Message -----
From: "cstj23" <costajim23@... <mailto:costajim23%40yahoo.com> >
To: <nrd-525-535@yahoogroups.com <mailto:nrd-525-535%40yahoogroups.com> >
Sent: Saturday, February 26, 2011 12:42 PM
Subject: [nrd-525-535] Notch Filter

Hi to all

I have owned a 535D for a few years now and my only real gripe with this receiver,(aside the lousy MW performance). is the notch filter. I can't imagine what the engineers were thinking.It for all practical purposes doesn't work as a notch filter.I have cobbled together notch filters using 741 op-amps that run circles around this thing.I was hoping maybe someone in

the group has a good fix,or an explanation of how this thing is supposed to notch anything.

Thanks, Jim

2352. Re: [nrd-525-535] Notch Filter

Yahoo group: nrd-525-535
Date: 2011-02-27 02:16:43 UTC
From: Brian Denley
Topic: 2348 Message: 2352

Charles:
I think you meant that comment for Jim?
My notch filter woks OK.
Brian
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Charles" <ka4prf@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, February 26, 2011 3:23 PM
Subject: RE: [nrd-525-535] Notch Filter

> Brian,
>
> It sounds like your notch filter needs to be aligned on your NRD535D.
>
> I agree that the NRD535D"S notch filter is not very good, especially
>
> if it is out of alignment.
>
> Chuck
_____
>
> From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On
> Behalf Of Brian Denley
> Sent: Saturday, February 26, 2011 3:55 PM
> To: nrd-525-535@yahoogroups.com
> Subject: Re: [nrd-525-535] Notch Filter
>
>
> Mine works OK. Persoanlly I like DSP auto-notch filters better.
> Brian
> KB1VBF
> http://home.comcast.net/~b.denley/index.html
> ----- Original Message -----
> From: "cstj23" <costajim23@... <mailto:costajim23%40yahoo.com> >
> To: <nrd-525-535@yahoogroups.com <mailto:nrd-525-535%40yahoogroups.com> >
> Sent: Saturday, February 26, 2011 12:42 PM
> Subject: [nrd-525-535] Notch Filter
>
> Hi to all
>
> I have owned a 535D for a few years now and my only real gripe with this
> receiver,(aside the lousy MW performance). is the notch filter. I can't

> imagine what the engineers were thinking.It for all practical purposes
> doesn't work as a notch filter.I have cobbled together notch filters using
> 741 op-amps that run circles around this thing.I was hoping maybe someone
> in
>
> the group has a good fix,or an explanation of how this thing is supposed
> to
> notch anything.
>
> Thanks, Jim

2353. Re: [nrd-525-535] Re: Notch Filter

Yahoo group: nrd-525-535
Date: 2011-02-27 02:20:02 UTC
From: Brian Denley
Topic: 2348 Message: 2353

I have most of my SWL receivers piped through a Timewave DSP-599zx. Hets are gone with the push of a button.
Brian
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Ken" <faxcap@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, February 26, 2011 1:12 PM
Subject: [nrd-525-535] Re: Notch Filter

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:

> Mine works OK. Persoanlly I like DSP auto-notch filters better.
> Brian
> KB1VBF

I agree, Brian....I bought one from a British company back in about 1990. It's packed away in a box at the moment because of a house move. Wish I could remember the name but it worked like a charm!

Ken

2354. RE: [nrd-525-535] Re: Notch Filter

Yahoo group: nrd-525-535
Date: 2011-02-27 12:18:18 UTC
From: Charles
Topic: 2348 Message: 2354

Brian,

Yes it was meant for Ken. Also I use the DSP-599zx. However, most

of the time I DX with my NRD545 which has an excellent notch filter

on it.

Nice meeting you..

Chuck

_____

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of Brian Denley
Sent: Sunday, February 27, 2011 12:20 AM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Re: Notch Filter

I have most of my SWL receivers piped through a Timewave DSP-599zx. Hets are gone with the push of a button.
Brian
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Ken" <faxcap@... <mailto:faxcap%40gmail.com> >
To: <nrd-525-535@yahoogroups.com <mailto:nrd-525-535%40yahoogroups.com> >
Sent: Saturday, February 26, 2011 1:12 PM
Subject: [nrd-525-535] Re: Notch Filter

--- In nrd-525-535@yahoogroups.com <mailto:nrd-525-535%40yahoogroups.com> , "Brian Denley" <b.denley@...> wrote:

> Mine works OK. Persoanlly I like DSP auto-notch filters better.
> Brian
> KB1VBF

I agree, Brian....I bought one from a British company back in about 1990. It's packed away in a box at the moment because of a house move. Wish I could remember the name but it worked like a charm!

Ken

2355. Re: Notch Filter

Yahoo group: nrd-525-535
Date: 2011-02-27 15:18:36 UTC
From: g3vvt@aol.com
Topic: 2348 Message: 2355

Hi Jim,

Apart from the alignment issue mentioned are you totally sure that it is not working?

Some of the notch filters are extremely sharp and you can have passed though the notching position without realizing you had done so quite easily. Not had a 535D myself though have used the one my late father in law owned. Had the earlier 525 and still have the similar JST-135 transceiver plus a pair of the 515 separates. The notch filter is fine on the JST-135 where the NRD-515 has none of these frills, though still an excellent receiver and when paired with the Timewave DSP 9+ is up to par with most receivers on the market. Never could justify the DSP-599zx unfortunately. The British filter mentioned may have been the Datong with the ultimate version the FL3.

A good item to test any receiver bandwidth performance and notch filter capability is to use the Spectrogram software in your PC and measure the effective IF passband with that.

I built the USA Elecraft K2 kit HF transceiver and needed this to set up the IF/BFO for optimum. The software is available for download via various sources with believe up to V5.17 as freeware. For a test signal source band noise can be used or better still a noise generator. Elecraft make one of these as a reasonably priced kit and may possibly be available ready built. You take the output from the RX speaker jack and if this breaks the audio add a terminating resistor across the line to match the speaker output. Ended up with hum loops from the PC, needing an isolation audio transformer in the line in my case. See the Elecraft website for further information on the products and links to assistance sites. _http://www.elecraft.com_ (http://www.elecraft.com)

The test system works unbelievably well and allows one to see what the effect of various filters in the RX IF.

Not aware of the MW specification for the 535D but a check with a suitable signal generator or service monitor should help. Be sure you are not missing any manual tuning of the RX front end that may be needed. The NRD-515 is peaked with the front panel BFO control under BC tune facility.

Regards,
Bob, G3VVT

2356. RE: [nrd-525-535] Re: Notch Filter

Yahoo group: nrd-525-535
Date: 2011-02-27 21:41:36 UTC
From: Charles
Topic: 2348 Message: 2356

BOB,

Go information - thanks

I was wondering if you could use the Panadapter with your 525?

Chuck

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of g3vvt@...
Sent: Sunday, February 27, 2011 1:19 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: Notch Filter

Hi Jim,

Apart from the alignment issue mentioned are you totally sure that it is not working?

Some of the notch filters are extremely sharp and you can have passed though the notching position without realizing you had done so quite easily. Not had a 535D myself though have used the one my late father in law owned. Had the earlier 525 and still have the similar JST-135 transceiver plus a pair of the 515 separates. The notch filter is fine on the JST-135 where the NRD-515 has none of these frills, though still an excellent receiver and when paired with the Timewave DSP 9+ is up to par with most receivers on the market. Never could justify the DSP-599zx unfortunately. The British filter mentioned may have been the Datong with the ultimate version the FL3.

A good item to test any receiver bandwidth performance and notch filter capability is to use the Spectrogram software in your PC and measure the effective IF passband with that.

I built the USA Elecraft K2 kit HF transceiver and needed this to set up the IF/BFO for optimum. The software is available for download via various sources with believe up to V5.17 as freeware. For a test signal source band noise can be used or better still a noise generator. Elecraft make one of these as a reasonably priced kit and may possibly be available ready built. You take the output from the RX speaker jack and if this breaks the audio add a terminating resistor across the line to match the speaker output. Ended up with hum loops from the PC, needing an isolation audio transformer in the line in my case. See the Elecraft website for further information on the products and links to assistance sites. http://www.elecraft.com

The test system works unbelievably well and allows one to see what the effect of various filters in the RX IF.

Not aware of the MW specification for the 535D but a check with a suitable signal generator or service monitor should help. Be sure you are not missing any manual tuning of the RX front end that may be needed. The NRD-515 is peaked with the front panel BFO control under BC tune facility.

Regards,

Bob, G3VVT

2357. Re: Notch Filter

Yahoo group: nrd-525-535
Date: 2011-02-28 21:12:54 UTC
From: g3vvt@aol.com
Topic: 2348 Message: 2357

Hi Charles,

The NRD-525 was one I had in the past which was sold to finance the NRD-515/NSD-515 pair. There is no output to my knowledge that would feed a panadapter on the NRD-525 and the service information does not show any either.

This needs to be fairly early in the IF chain before the main IF filtering to achieve the necessary bandwidth. In the case of the NRD-525 the main filtering is at 455kHz. Guess it could be done immediately after the 70.455MHz roofing filter before the conversion to 455kHz if the panadapter system will allow an IF so high or after the 455kHz mixer and before the IF filters if this is necessary.

The problem is unless this is professionally done can detract from the value of the radio. With the style of vertical plug in boards used in the NRD-525 may be difficult to achieve in any case.

Regards,
Bob, G3VVT

2358. RE: [nrd-525-535] Re: Notch Filter

Yahoo group: nrd-525-535
Date: 2011-03-01 00:05:41 UTC
From: Charles
Topic: 2348 Message: 2358

Bob,

Thanks for that information. I suppose I should forget about that idea.

Thanks again

Chuck

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of g3vvt@...
Sent: Monday, February 28, 2011 7:13 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: Notch Filter

Hi Charles,

The NRD-525 was one I had in the past which was sold to finance the NRD-515/NSD-515 pair. There is no output to my knowledge that would feed a panadapter on the NRD-525 and the service information does not show any either.

This needs to be fairly early in the IF chain before the main IF filtering to achieve the necessary bandwidth. In the case of the NRD-525 the main filtering is at 455kHz. Guess it could be done immediately after the 70.455MHz roofing filter before the conversion to 455kHz if the panadapter system will allow an IF so high or after the 455kHz mixer and before the IF filters if this is necessary.

The problem is unless this is professionally done can detract from the value of the radio. With the style of vertical plug in boards used in the NRD-525 may be difficult to achieve in any case.

Regards,

Bob, G3VVT

2359. Notch filter

Yahoo group: nrd-525-535
Date: 2011-03-02 19:20:03 UTC
From: cstj23
Topic: 2359 Message: 2359

Thanks to all for the good info,

Does anyone know of any modifications to the circuit that can be done to improve the notch filter?

Jim

2360. just want to say hello to every one

Yahoo group: nrd-525-535
Date: 2011-04-10 09:24:26 UTC
From: stuart
Topic: 2360 Message: 2360

hi my name is Stuart i live in queensland australia im the new kid on the block iv,e just bought a 535d from the netherlands not here yet but soon i hope,anyway any advice or suggestions would be more than welcome

regards Stuart...

2361. JRC NRD-535Dbx 500K to 1500K

Yahoo group: nrd-525-535
Date: 2011-04-10 16:40:24 UTC
From: vr2kj
Topic: 2361 Message: 2361

Hi every one

When I tuning the radio to 500KHz to 1500KHz
(AM MW Broadcast)

The signal is very week

But When I switch off the by pass filter

Memo + function + ent

Function 2 Set to 0 , (1 is default)

The Singnal seems normal ,

Is it normal of the radio ???

Thanks
vr2kj

2362. Re: [nrd-525-535] JRC NRD-535Dbx 500K to 1500K

Yahoo group: nrd-525-535
Date: 2011-04-10 17:35:47 UTC
From: Brian Denley
Topic: 2361 Message: 2362

The receiver is intentionally desensitized below 1.6 MHz (look at the sensitivity numbers in the specification section of the manual). Your experiance is probably normal.
Brian Denley
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "vr2kj" <vr2kj@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, April 10, 2011 12:40 PM
Subject: [nrd-525-535] JRC NRD-535Dbx 500K to 1500K

Hi every one

When I tuning the radio to 500KHz to 1500KHz
(AM MW Broadcast)

The signal is very week

But When I switch off the by pass filter

Memo + function + ent

Function 2 Set to 0 , (1 is default)

The Singnal seems normal ,

Is it normal of the radio ???

Thanks
vr2kj

2363. Re: [nrd-525-535] just want to say hello to every one

Yahoo group: nrd-525-535
Date: 2011-04-10 17:37:12 UTC
From: Brian Denley
Topic: 2360 Message: 2363

Hi Stuart. Good luck with your new receiver. You will find lots of information in this group.
Brian Denley
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "stuart" <smason@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, April 10, 2011 5:24 AM
Subject: [nrd-525-535] just want to say hello to every one

hi my name is Stuart i live in queensland australia im the new kid on the block iv,e just bought a 535d from the netherlands not here yet but soon i hope,anyway any advice or suggestions would be more than welcome

regards Stuart...

2364. Re: [nrd-525-535] JRC NRD-535Dbx 500K to 1500K

Yahoo group: nrd-525-535
Date: 2011-04-10 17:51:39 UTC
From: Reinhold Schuttkowski
Topic: 2361 Message: 2364

Until now my 535 didn?t show this behaviour. What kind of antenna do you use for MW?

73, Reinhold

2365. Re: JRC NRD-535Dbx 500K to 1500K

Yahoo group: nrd-525-535
Date: 2011-04-10 20:00:49 UTC
From: caladonia5560
Topic: 2361 Message: 2365

I don't have a NRD-535 to test, but with my the NRD-525, which has very similar RF input filters, the by-pass mode greatly attenuates signals below 1600 Khz. If the receiver is in that mode, then only very strong local AM signals will be heard. When by-pass mode is off (Normal), the receiver is quite sensitive on the AM bands (much better than the specs would suggest). Looking at the service manual, in by-pass mode a 1.6 to 30 KHz bandpass filter is in the circuit. I suspect your NRD-535 is working normally.

Les Layton

--- In nrd-525-535@yahoogroups.com, "vr2kj" <vr2kj@...> wrote:
>
> Hi every one
>
> When I tuning the radio to 500KHz to 1500KHz
> (AM MW Broadcast)
>
> The signal is very week
>
> But When I switch off the by pass filter
>
> Memo + function + ent
>
> Function 2 Set to 0 , (1 is default)
>
> The Singnal seems normal ,
>
> Is it normal of the radio ???
>
> Thanks
> vr2kj
>

2366. Re: JRC NRD-535Dbx 500K to 1500K

Yahoo group: nrd-525-535
Date: 2011-04-10 21:34:22 UTC
From: caladonia5560
Topic: 2361 Message: 2366

I should have proofread my post a little better, the next to last sentance should read "Looking at the service manual, in by-pass mode a 1.6 to 30 MHz bandpass filter is in the circuit." In other words the by-pass mode isn't effective below 1600 KHz. The operators manual doesn't point this out.

Les

--- In nrd-525-535@yahoogroups.com, "caladonia5560" <caladonia5560@...> wrote:
>
> I don't have a NRD-535 to test, but with my the NRD-525, which has very similar RF input filters, the by-pass mode greatly attenuates signals below 1600 Khz. If the receiver is in that mode, then only very strong local AM signals will be heard. When by-pass mode is off (Normal), the receiver is quite sensitive on the AM bands (much better than the specs would suggest). Looking at the service manual, in by-pass mode a 1.6 to 30 KHz bandpass filter is in the circuit. I suspect your NRD-535 is working normally.
>
> Les Layton
>
> --- In nrd-525-535@yahoogroups.com, "vr2kj" <vr2kj@> wrote:
> >
> > Hi every one
> >
> > When I tuning the radio to 500KHz to 1500KHz
> > (AM MW Broadcast)
> >
> > The signal is very week
> >
> > But When I switch off the by pass filter
> >
> > Memo + function + ent
> >
> > Function 2 Set to 0 , (1 is default)
> >
> > The Singnal seems normal ,
> >
> > Is it normal of the radio ???
> >
> > Thanks
> > vr2kj
> >
>

2367. Re: JRC NRD-535Dbx 500K to 1500K

Yahoo group: nrd-525-535
Date: 2011-04-11 04:15:37 UTC
From: vr2kj
Topic: 2361 Message: 2367

Thanks for everyone reply

I am using a 20M Long wire mactching with a 9:1 balun
We have a MW boradcast station just 2-3 miles from my home
But when I by pass the filter , the singal is 50 db full scale
when I switch on the filter , only S2 Singal unit

from 100K to 500K without this case ,,

BTW , I hava another JRC NRD-515 Receiver ,
from 500-1500K also need to tune up the Signal with the BC Tune Knob

vr2kj

--- In nrd-525-535@yahoogroups.com, "caladonia5560" <caladonia5560@...> wrote:
>
> I should have proofread my post a little better, the next to last sentance should read "Looking at the service manual, in by-pass mode a 1.6 to 30 MHz bandpass filter is in the circuit." In other words the by-pass mode isn't effective below 1600 KHz. The operators manual doesn't point this out.
>
> Les
>
>
>
> --- In nrd-525-535@yahoogroups.com, "caladonia5560" <caladonia5560@> wrote:
> >
> > I don't have a NRD-535 to test, but with my the NRD-525, which has very similar RF input filters, the by-pass mode greatly attenuates signals below 1600 Khz. If the receiver is in that mode, then only very strong local AM signals will be heard. When by-pass mode is off (Normal), the receiver is quite sensitive on the AM bands (much better than the specs would suggest). Looking at the service manual, in by-pass mode a 1.6 to 30 KHz bandpass filter is in the circuit. I suspect your NRD-535 is working normally.
> >
> > Les Layton
> >
> > --- In nrd-525-535@yahoogroups.com, "vr2kj" <vr2kj@> wrote:
> > >
> > > Hi every one
> > >
> > > When I tuning the radio to 500KHz to 1500KHz
> > > (AM MW Broadcast)
> > >
> > > The signal is very week
> > >
> > > But When I switch off the by pass filter

> > >
> > > Memo + function + ent
> > >
> > > Function 2 Set to 0 , (1 is default)
> > >
> > > The Singnal seems normal ,
> > >
> > > Is it normal of the radio ???
> > >
> > > Thanks
> > > vr2kj
> > >
> >
>

2368. Re: JRC NRD-535Dbx 500K to 1500K

Yahoo group: nrd-525-535
Date: 2011-04-11 13:33:21 UTC
From: Nigel
Topic: 2361 Message: 2368

As Brian has pointed out, the receiver does have reduced sensitivity below 1.6MHz.

However, this reduction is actually greater below 500KHz so if you're only seeing severe attenuation between 500KHz and 1.6MHz and not too bad between 100KHz and 500KHz then I suspect you may have a problem with the 0.5 to 1.6MHz bandpass filter.

The front end filters, other than below 0.5KHz which is low pass, are double tuned bandpass filters with varactor diode tuning to match the filter to the tuned frequency.
It's possible you may have a problem with the varactor diode tuning on the 0.5 to 1.6MHz filter but perhaps more likely that the relays aren't switching in that filter either because of a driver problem or an open circuit relay contact.

As an initial test I would suggest carefully injecting a signal either side of the bandpass filters with an appropriate frequency selected and check the difference, whilst making allowance for the already expected sensitivity reduction.
Just a short length of wire used as an antenna might be a sufficient test, although I wouldn't recommend feeding your external antenna to the output of the filters.
Without an extender card it may be necessary to solder in temporary patch leads but this shouldn't be an issue for a quick test.

These filters are more complex than the usual untuned bandpass filters and I'd recommend being very cautious before actually changing any components.
Make as many tests as necessary to confirm for sure it is the filter, check for example that the switching signals are present just in case it's a logic problem etc etc and then to try and narrow it down to the most likely cause before changing anything.

Hopefully you might find it's something else after all but, for now anyway, I'd still put my money on the filter itself or its control circuits.

regards

Nigel
GM8PZR

--- In nrd-525-535@yahoogroups.com, "vr2kj" <vr2kj@...> wrote:
>
>
> Thanks for everyone reply
>
> I am using a 20M Long wire mactching with a 9:1 balun
> We have a MW boradcast station just 2-3 miles from my home
> But when I by pass the filter , the singal is 50 db full scale
> when I switch on the filter , only S2 Singal unit
>
> from 100K to 500K without this case ,,
>
> BTW , I hava another JRC NRD-515 Receiver ,

> from 500-1500K also need to tune up the Signal with the BC Tune Knob
>
>
> vr2kj
>

2369. Re: JRC NRD-535Dbx 500K to 1500K

Yahoo group: nrd-525-535
Date: 2011-04-12 19:28:08 UTC
From: Hans-Chr.
Topic: 2361 Message: 2369

Hi guys,
is there a similar filter in the NRD-525 as well?. I never was very impressed with its MW performance so this might be the explanation...
If so, how do I switch it off to have better MW-sensitivity?

Hans

--- In nrd-525-535@yahoogroups.com, "caladonia5560" <caladonia5560@...> wrote:
>
> I should have proofread my post a little better, the next to last sentance should read "Looking at the service manual, in by-pass mode a 1.6 to 30 MHz bandpass filter is in the circuit." In other words the by-pass mode isn't effective below 1600 KHz. The operators manual doesn't point this out.
>
> Les
>
>
>
> --- In nrd-525-535@yahoogroups.com, "caladonia5560" <caladonia5560@> wrote:
> >
> > I don't have a NRD-535 to test, but with my the NRD-525, which has very similar RF input filters, the by-pass mode greatly attenuates signals below 1600 Khz. If the receiver is in that mode, then only very strong local AM signals will be heard. When by-pass mode is off (Normal), the receiver is quite sensitive on the AM bands (much better than the specs would suggest). Looking at the service manual, in by-pass mode a 1.6 to 30 KHz bandpass filter is in the circuit. I suspect your NRD-535 is working normally.
> >
> > Les Layton
> >
> > --- In nrd-525-535@yahoogroups.com, "vr2kj" <vr2kj@> wrote:
> > >
> > > Hi every one
> > >
> > > When I tuning the radio to 500KHz to 1500KHz
> > > (AM MW Broadcast)
> > >
> > > The signal is very week
> > >
> > > But When I switch off the by pass filter
> > >
> > > Memo + function + ent
> > >
> > > Function 2 Set to 0 , (1 is default)
> > >
> > > The Singnal seems normal ,

> > >
> > > Is it normal of the radio ???
> > >
> > > Thanks
> > > vr2kj
> > >
> >
>

2370. RE: [nrd-525-535] Re: JRC NRD-535Dbx 500K to 1500K

Yahoo group: nrd-525-535
Date: 2011-04-12 20:18:57 UTC
From: Charles
Topic: 2361 Message: 2370

Hans,

Press the #4 and the Memo key at the same time. I believe that

cause the RF filter to be dis-enguaged/bypassed or vice versa. When that

happens the MW is reduced/bypassed or vice versa.

This is discussed on the last page of the Operating Manual.

Chuck

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of Hans-Chr.
Sent: Tuesday, April 12, 2011 7:28 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: JRC NRD-535Dbx 500K to 1500K

Hi guys,
is there a similar filter in the NRD-525 as well?. I never was very impressed with its MW performance so this might be the explanation...
If so, how do I switch it off to have better MW-sensitivity?

Hans

--- In nrd-525-535@yahoogroups.com <mailto:nrd-525-535%40yahoogroups.com> , "caladonia5560" <caladonia5560@...> wrote:
>
> I should have proofread my post a little better, the next to last sentance should read "Looking at the service manual, in by-pass mode a 1.6 to 30 MHz bandpass filter is in the circuit." In other words the by-pass mode isn't effective below 1600 KHz. The operators manual doesn't point this out.
>
> Les
>
>
>
> --- In nrd-525-535@yahoogroups.com <mailto:nrd-525-535%40yahoogroups.com> , "caladonia5560" <caladonia5560@> wrote:
> >
> > I don't have a NRD-535 to test, but with my the NRD-525, which has very similar RF input filters, the by-pass mode greatly attenuates signals below 1600 Khz. If the receiver is in that mode, then only very strong local AM signals will be heard. When by-pass mode is off (Normal), the receiver is quite sensitive on the AM bands (much better than the specs would suggest).

Looking at the service manual, in by-pass mode a 1.6 to 30 KHz bandpass filter is in the circuit. I suspect your NRD-535 is working normally.

> >
> > Les Layton
> >
> > --- In nrd-525-535@yahoogroups.com <mailto:nrd-525-535%40yahoogroups.com> , "vr2kj" <vr2kj@> wrote:
> > >
> > > Hi every one
> > >
> > > When I tuning the radio to 500KHz to 1500KHz
> > > (AM MW Broadcast)
> > >
> > > The signal is very week
> > >
> > > But When I switch off the by pass filter
> > >
> > > Memo + function + ent
> > >
> > > Function 2 Set to 0 , (1 is default)
> > >
> > > The Singnal seems normal ,
> > >
> > > Is it normal of the radio ???
> > >
> > > Thanks
> > > vr2kj
> > >
> >
>

2371. Re: JRC NRD-535Dbx 500K to 1500K

Yahoo group: nrd-525-535
Date: 2011-04-13 19:05:29 UTC
From: caladonia5560
Topic: 2361 Message: 2371

Medium wave sensitivity is greatly reduced below 1600 KHz on my NRD-525 when the input RF filters are bypassed and the characters "PASS" are displayed in red on the display panel. This would be normal since in the bypass mode a 1.6 MHz high pass filter is in the circuit rather than the normal tuned RF filters. You can check this out by tuning in a weak signal below 1600 KHz and select/de-select the bypass mode as discussed in section 5.5 of the manual (depress keys 4 and MEMO at the same time).

With the normal tuned filters selected ("PASS" not displayed) I would rate the medium and long wave sensitivity as excellent on my NRD-525 when compared to other receivers I own.

Les

--- In nrd-525-535@yahoogroups.com, "Hans-Chr." <hans-cho@...> wrote:
>
> Hi guys,
> is there a similar filter in the NRD-525 as well?. I never was very impressed with its MW performance so this might be the explanation...
> If so, how do I switch it off to have better MW-sensitivity?
>
> Hans
>
>
> --- In nrd-525-535@yahoogroups.com, "caladonia5560" <caladonia5560@> wrote:
> >
> > I should have proofread my post a little better, the next to last sentance should read "Looking at the service manual, in by-pass mode a 1.6 to 30 MHz bandpass filter is in the circuit." In other words the by-pass mode isn't effective below 1600 KHz. The operators manual doesn't point this out.
> >
> > Les
> >
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "caladonia5560" <caladonia5560@> wrote:
> > >
> > > I don't have a NRD-535 to test, but with my the NRD-525, which has very similar RF input filters, the by-pass mode greatly attenuates signals below 1600 Khz. If the receiver is in that mode, then only very strong local AM signals will be heard. When by-pass mode is off (Normal), the receiver is quite sensitive on the AM bands (much better than the specs would suggest). Looking at the service manual, in by-pass mode a 1.6 to 30 KHz bandpass filter is in the circuit. I suspect your NRD-535 is working normally.
> > >
> > > Les Layton
> > >
> > > --- In nrd-525-535@yahoogroups.com, "vr2kj" <vr2kj@> wrote:
> > > >

> > > > Hi every one
> > > >
> > > > When I tuning the radio to 500KHz to 1500KHz
> > > > (AM MW Broadcast)
> > > >
> > > > The signal is very week
> > > >
> > > > But When I switch off the by pass filter
> > > >
> > > > Memo + function + ent
> > > >
> > > > Function 2 Set to 0 , (1 is default)
> > > >
> > > > The Singnal seems normal ,
> > > >
> > > > Is it normal of the radio ???
> > > >
> > > > Thanks
> > > > vr2kj
> > > >
> > >
> >
>

2372. JRC JST 245 MANUAL

Yahoo group: nrd-525-535
Date: 2011-04-14 06:45:22 UTC
From: eagle one
Topic: 2372 Message: 2372

I am looking for a softcopy of the above. Tried loking at manu web sites like BAMA and the likes, but could not find one. Not even at mokds.dk. Can anybody help me? Regards

Hanafi

2373. Re: [nrd-525-535] JRC JST 245 MANUAL

Yahoo group: nrd-525-535
Date: 2011-04-14 15:21:14 UTC
From: B A
Topic: 2372 Message: 2373

Searching for a Manual can be exhaustive, however perseverance is the key. I have searched for manuals for as much as 8 hours straight and finally found a free copy. If it was printed there's a good chance it's on the net somewhere. Using the advanced search engine is also a good tool. Keep trying and good luck.

**
*Bob

*
On Thu, Apr 14, 2011 at 1:45 AM, eagle one <foxbat_alpha@...> wrote:

>
>
> I am looking for a softcopy of the above. Tried loking at manu web sites
> like BAMA and the likes, but could not find one. Not even at mokds.dk. Can
> anybody help me? Regards
>
> Hanafi
>
>

--
Thanks !!!!,

Bob

2374. NRD525G with ESKAB ECSS-board. strange noise.

Yahoo group: nrd-525-535
Date: 2011-04-15 09:53:35 UTC
From: brettlejoe
Topic: 2374 Message: 2374

Hello,

I have a NRD525G with ESKAB ECSS-board inside. I have a strange noise which sounds like a PLL is always sweeping around in their frequency. This happens with or without antenna (and is independent from thetuning frequency!) and does not happen on a second NRD525 which is placed directly beneath the NRD525 with ESKAB. So it must come from within the 525. (I uploaded a mp3-file with that strange noise to the files folder - M0415B01.MP3)

Does anyone have a idea what could be the reason for that?

thanks in advance for your help.

best regards,
Harald Miller
<http://int.ask.com/web?siteid=10000861&webqsrc=999&l=dis&q=R>
<http://www.google.com/search?q=R>
<http://en.wikipedia.org/w/index.php?search=R>
<http://www.bing.com/search?q=R>

2375. Re: NRD525G with ESKAB ECSS-board. strange noise.

Yahoo group: nrd-525-535
Date: 2011-04-16 19:24:02 UTC
From: brettlejoe
Topic: 2374 Message: 2375

one more additional informations:

today I took a second NRD525G and changed the cards from one NRD to the other - now I can exclude the following boards from producing the strange noise: CMH-632 (Data I/O), CDC-353 (CPU), CGA-132 (Loop2), CGA131 (Loop1) and CFL-205 (HF Tune).

So the fault must be in CFH-36 (IF Filter), CAE-182 (IF+AF Amp), CDE-418 (Display), ESKAB ECCS-board, or CBD-674 (Power supply). The IF Filter and IF+AF Amp-boards I can't move from one receiver to the other because they are modified ones

Anyone any idea?

2376. Re: JRC JST 245 MANUAL

Yahoo group: nrd-525-535
Date: 2011-04-16 21:49:16 UTC
From: johnherks
Topic: 2372 Message: 2376

It's on mods.dk under jst-145. The jst-145 is the same radio but without 6m, atu and ssb filter.

http://www.mods.dk/manual.php?brand=jrc

The manual covers both radios.

--- In nrd-525-535@yahoogroups.com, eagle one <foxbat_alpha@...> wrote:
>
> I am looking for a softcopy of the above. Tried loking at manu web sites like BAMA and the likes, but could not find one. Not even at mokds.dk. Can anybody help me? Regards
>
> Hanafi
>

2377. For Sale NRD-535 with ECSS & BWC cards fitted. - Offers invited

Yahoo group: nrd-525-535
Date: 2011-04-21 07:11:06 UTC
From: Alan
Topic: 2377 Message: 2377

This is an excellent, late model, receiver and is in a superb working condition. I've owned it for 3 years and sourced the ECSS card (CMF-78) and the BWC card (CFL-243W) from the USA (both rare and expensive) and fitted them to the radio. If it had the RTTY card it would be identical to the 535-D model but never really had that as an interest.

The radio is clean and unmarked. It comes with original manual and box and will be sent using DHL or equivalent carrier. It has been used in my current bedroom as a late night receiver with headphones or occasionally during the day to listen to local radio with an external speaker (essential for quality).

I'm downsizing and slowly getting rid of various bits of kit and would like to keep this radio but space determines it must go and my R30CC will stay!

Offers welcome.

Alan

2378. Re: For Sale NRD-535 with ECSS & BWC cards fitted. - Offers invited

Yahoo group: nrd-525-535
Date: 2011-04-21 10:15:26 UTC
From: Hans-Chr.
Topic: 2377 Message: 2378

Hi Alan,
nice radio you are considering selling. My own 525 is becoming of age and not working well any more.
Could you please tell me where your are residing, is it in the UK? (for eventual shipping reasons)

regards
Hans
Oslo, Norway
--- In nrd-525-535@yahoogroups.com, "Alan" <alelcoate@...> wrote:
>
> This is an excellent, late model, receiver and is in a superb working condition. I've owned it for 3 years and sourced the ECSS card (CMF-78) and the BWC card (CFL-243W) from the USA (both rare and expensive) and fitted them to the radio. If it had the RTTY card it would be identical to the 535-D model but never really had that as an interest.
>
> The radio is clean and unmarked. It comes with original manual and box and will be sent using DHL or equivalent carrier. It has been used in my current bedroom as a late night receiver with headphones or occasionally during the day to listen to local radio with an external speaker (essential for quality).
>
> I'm downsizing and slowly getting rid of various bits of kit and would like to keep this radio but space determines it must go and my R30CC will stay!
>
> Offers welcome.
>
> Alan
>

2379. Frequency Drift Problem

Yahoo group: nrd-525-535
Date: 2011-04-23 17:52:53 UTC
From: kjcoffee
Topic: 2379 Message: 2379

I've owned my NRD-535 for 3 years. It recently developed a frequency drift problem. During the warmup period (the first hour or so), I will tune to an AM station, and at some point during the hour, the frequency will drift up about 6 KHZ, and stabilize at that point, but the digital readout still displays the original frequency. This upward drift happens quickly, in just a few seconds. The station's signal is now severely distorted, and I need to tune upwards to a point about 6 KHZ above the original frequency, and then the station is back in tune, and the distortion disappears. The drift affects all the stations on the band, not just the original one that I tuned to. All stations are now displayed at a frequency 6KHZ above their actual frequency. If the radio is turned off for just a few minutes, and turned on again, the frequencies are still shown as 6 KHZ higher. If the radio is left off overnight, the next day when it is is first turned on, the displayed frequencies are correct, until the drift begins again during the first hour. Has anyone had this problem? Any thoughts on the cause? Thanks, Kevin AC6ME

2380. CMH-530 with CKJ-61 wanted

Yahoo group: nrd-525-535
Date: 2011-04-24 09:10:20 UTC
From: dfas_eu
Topic: 2380 Message: 2380

Hi,
I am looking for a RTTY board for my NRD-535DG with "Lowe update". Has anyone a board laying around and not need it anymore?

Thanks

Harry

2381. Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-04-25 09:28:17 UTC
From: pe1kel
Topic: 2307 Message: 2381

--- In nrd-525-535@yahoogroups.com, b.denley@... wrote:
>
>
>
> Stefan:
>
> Great to hear!Â have fun with the program.Â If you need any changes, let me know and I will see that I can do.
>
> Brian
>
Hello, Brian.

First of all thanks to you for the program for using the 535 and the RTTY-modem.
I was very curious about the way how to use the program, but it is very easy !!
Now I have a question: is it possible to add a setting for choosing one of the 4 serial ports? As far as I try this program is only working on COM1 at the moment.
Now I have 2 NRD535's connected to my computer.
I want to start up the CMH530 program with my other NRD535 on COM2 but these option is not integrated in your program.
Is this easy to do?

Best regards,
Adriaan Aarts, PE1KEL.

2382. Re: [nrd-525-535] Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-04-26 00:11:28 UTC
From: Brian Denley
Topic: 2307 Message: 2382

Stefan:
It's not hard to do in Visual Basic. Want me to make that change? COM1 - COM4?
Brian
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "pe1kel" <adriaanaarts@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Monday, April 25, 2011 5:28 AM
Subject: [nrd-525-535] Re: Using the cmh-530

--- In nrd-525-535@yahoogroups.com, b.denley@... wrote:
>
>
>
> Stefan:
>
> Great to hear!? have fun with the program.? If you need any changes, let
> me know and I will see that I can do.
>
> Brian
>
Hello, Brian.

First of all thanks to you for the program for using the 535 and the RTTY-modem.
I was very curious about the way how to use the program, but it is very easy !!
Now I have a question: is it possible to add a setting for choosing one of the 4 serial ports? As far as I try this program is only working on COM1 at the moment.
Now I have 2 NRD535's connected to my computer.
I want to start up the CMH530 program with my other NRD535 on COM2 but these option is not integrated in your program.
Is this easy to do?

Best regards,
Adriaan Aarts, PE1KEL.

2383. Re: Using the cmh-530

Yahoo group: nrd-525-535
Date: 2011-04-26 05:22:59 UTC
From: pe1kel
Topic: 2307 Message: 2383

Hello, Brian.

Firstly it's not Stefan but Adriaan.
I did a reply on your comment.

If you can change it to com4, is it possible to start both programs, so the one with com1 and the one with com4 simultaneously?
That should be great!!

Adriaan, PE1KEL.

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Stefan:
> It's not hard to do in Visual Basic. Want me to make that change? COM1 -
> COM4?
> Brian
> KB1VBF
> http://home.comcast.net/~b.denley/index.html
>
>
> ----- Original Message -----
> From: "pe1kel" <adriaanaarts@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Monday, April 25, 2011 5:28 AM
> Subject: [nrd-525-535] Re: Using the cmh-530
>
>
>
>
> --- In nrd-525-535@yahoogroups.com, b.denley@ wrote:
> >
> >
> >
> > Stefan:
> >
> > Great to hear!Â have fun with the program.Â If you need any changes, let
> > me know and I will see that I can do.
> >
> > Brian
> >
> Hello, Brian.
>
> First of all thanks to you for the program for using the 535 and the
> RTTY-modem.
> I was very curious about the way how to use the program, but it is very easy

> !!
> Now I have a question: is it possible to add a setting for choosing one of
> the 4 serial ports? As far as I try this program is only working on COM1 at
> the moment.
> Now I have 2 NRD535's connected to my computer.
> I want to start up the CMH530 program with my other NRD535 on COM2 but these
> option is not integrated in your program.
> Is this easy to do?
>
> Best regards,
> Adriaan Aarts, PE1KEL.
>

2384. NRD 535 control Program

Yahoo group: nrd-525-535
Date: 2011-04-27 17:13:34 UTC
From: dfas_eu
Topic: 2384 Message: 2384

what Program do you use to control the NRD 535? Is there any freeware available?
Thanks
Harry

2386. RE: [nrd-525-535] NRD 535 control Program

Yahoo group: nrd-525-535
Date: 2011-04-28 12:51:05 UTC
From: Nota Real
Topic: 2384 Message: 2386

For example RXwings is free.
BR

> To: nrd-525-535@yahoogroups.com
> From: dfas-eu@...
> Date: Wed, 27 Apr 2011 17:13:34 +0000
> Subject: [nrd-525-535] NRD 535 control Program
>
> what Program do you use to control the NRD 535? Is there any freeware available?
> Thanks
> Harry
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

2387. Re: Turning off the NRD-535D display

Yahoo group: nrd-525-535
Date: 2011-04-30 07:48:39 UTC
From: John
Topic: 2228 Message: 2387

Hi All

I now have a simple to do mod that anyone with basic soldering skills can do.
Only the top cover needs to be removed to do it.

Parts list:
A miniature 3-5 amp toggle switch. single or double pole double throw. please use a minature switch or it will look out of place.
3 to 5 inches of flexible power wire.
2 inches of heat shrink tubing.
1x 470 to 1K ohm 1/4 W resistor

Instructions:
If you have poor soldering skills and no drilling experience, get someone else to do it.
Disconnect everything from your radio, especially the power.
Take off the top lid of the 535.
You will be working at the rear of the 535.
In the power supply area locate the CBD-1080 AVR regulator board.
Using a solder sucker, desolder the number 3 power line that provides 9v to the display inverter, it is a little tricky as the orange cable is a little difficult to pull out, so i desoldered it and pushed it out of the #3 hole.
To make the soldering easier, presolder (wet) one end of the 3 to 5 inch power lead. insert it from below through the PC board into the #3 hole and solder in place, you will need to make the wire in the shape of a U or J so it enters the #3 hole.
Work out where to drill the hole in the rear panel, take into account the depth of the switch and the power cables that will be soldered to the switch. This may take you a few goes to get it right, please do not start drilling until YOU have the position right.

Turn the radio upside down and drill a small whole to fit the toggle switch thorugh. A good suggestion is to have a vacuum cleaner running right at the drilling face to catch any metal shavings. Take extra time and make sure YOU remove ALL shavings or they will damage or destroy your 535.
Verify the miniature switch fits your hole.
Turn the 535 upright.

You should now have a hole that fits the switch.
All drill shavings removed.
2 loose power leads
1 miniature toggle switch.
Some heat shrink and a resistor.

Shorten the 3 to 5 inch cable to comfortably allow you to solder it to the toggle switch before the switch is installed in the rear panel, of course allowing enough length so the switch can be placed on its hole.
Presolder (wet) the end of the shortened 3 to 5 inch cable and once cool place an inch of heat shrink on both loose leads.

Solder the shortened lead and solder it to any but the center connecter of the toggle switch.
Manipulate the orange wire so it can be soldered to the switch.
Solder the orange cable to the centre connection of the switch.
Slide the heat shrink over the switch connectors and safely shrink it.
Install the switch into the rear panel hole and verify there is no chance of a short circuit occurring.

Double check every thing especially the drill shavings.
Install the resistor between connect 3 and (4 or 7) on the CBD-1080 AVR regulator board.
This give a small load to the 9v power supply when the display is off.

If all is ok.
Throw the toggle switch to ON.

Turn you 535 to be at its front and connect it up.
Power up your 535, if all went well , everything will be as normal, including the RFI from the display.
Throw the display off toggle switch to OFF.
The display of blank, you will find no FRI from the display and your total power used is 25% less, so less heat and things run a lot cooler.
Best of all the VFD is not being continuously lit when you are just listening, thus giving it a longer life span.

You may now find that the display was not the only source of RFI. But that is an topic already covered by me.

FYI, my own version of this mod is a but more involved, by pressing the LOCK button on the front panel turns off the display, much more professional, but a lot more involved. I can provide info if you want it.

Have a nice day.

Regards John

--- In nrd-525-535@yahoogroups.com, "Charles Bolland" <ka4prf@...> wrote:
>
> John,
>
> I am interested in getting rid of the noise the display
> produces; however, the problem with
> the heat when the display is turned off would worry me.
> Second, I would be satisfied with
> just an on and off switch. The automatic turn off
> sounds nice, but there would be some
> who would like it to be variable so the automatic turn
> off times can be changed if needed
> or wanted?
>
> Keep me informed and thanks.
>
> Chuck

> ka4prf@...
>
>
> _____
>
> From: nrd-525-535@yahoogroups.com
> [mailto:nrd-525-535@yahoogroups.com] On Behalf Of John
> Sent: Tuesday, November 02, 2010 22:58
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] Re: Turning off the NRD-535D
> display
>
>
>
>
> Hi Chuck
>
> What are your thoughts?
>
> I am thinking about an auto turn off the display after
> 1 minute would be the easiest to do and it is simpler
> to install as there is no modifications to the front
> panel to do. and if you forget, it turns off the
> display for you.
>
> I am thinking of using the keyboard strobe level or
> tuning knob encoder index level to reactivate the
> display, this would restart the count-down timer, the
> display would stay active for 1 minute after you have
> stopped pressing any keys or using the tuning knob.
> The minute it is adjustable.
> or
> Should I just fit a hidden switch that will turn off
> and on the inverters for the display.
>
> One of the problems with a VFD is the heated wires,
> turning them on and off is not good due to
> heating/cooling stress, so they will need to be left on
> with less current just to keep them warm.
>
> This is an interesting project to get into over my
> summer.
>
> I will keep you all updated.
>
> Regards John
>
> --- In nrd-525-535@...m
> <mailto:nrd-525-535%40yahoogroups.com> , "Charles
> Bolland" <ka4prf@> wrote:

> >
> > John,
> >
> > I am not tecnically inclined, so I can't recommend
> the
> > mod, but when you get
> > it finished, I would like to have the details. The
> > part about reducing interference from
> > the display interests me very much.
> >
> > Chuck Bolland
> > ka4prf@
> >
> >
> > _____
> >
> > From: nrd-525-535@yahoogroups.com
> <mailto:nrd-525-535%40yahoogroups.com>
> > [mailto:nrd-525-535@yahoogroups.com
> <mailto:nrd-525-535%40yahoogroups.com>] On Behalf Of
> John
> > Sent: Tuesday, October 26, 2010 11:35
> > To: nrd-525-535@yahoogroups.com
> <mailto:nrd-525-535%40yahoogroups.com>
> > Subject: [nrd-525-535] Turning off the NRD-535D
> display
> >
> >
> >
> >
> > Hi All
> > I would like to hear your opinions
> > I have not done this yet but I feel I need to.
> > As you know the VFD (vacuum fluorescent display) in
> the
> > 535 has a limited life, as the phosphor gradually
> burns
> > away. This will make our displays dim and colourless.
> >
> > I do not use my 535 as much as I would like as my
> > display is very dim and is almost not visible in
> > daylight.
> >
> > I have been thinking about a mod that will power down
> > the display when it is not needed, like when you have
> > found your station and do not need to look at the
> > display, but you want to listen to the radio.
> > There is a few advantages:
> > 1, No EMI noise from the display power supply
> > inverters.

> > 2. Less power consumed , less heat in the power
> supply.
> > 3. Longer life span for the VFD and its power supply.
> > 4. Lower noise floor in the receiver. the VFD
> inverters
> > make a lot of EMI and its gets into the 535
> everywhere.
> > I think thats it.
> > I hope to use a front panel switch combination to
> throw
> > a relay with a bit of simple logic circuitry, that
> way
> > there is no need to drill and fit extra switches.
> >
> > Any way, what do you think?
> > Is there any pitfalls?
> >
> > Thanks in advance.
> >
> > Regards John
> > VK2XCQ
> >
>

2388. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2011-04-30 23:39:13 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 2388

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Reducing RFI mods/Turn display off mod.JPG
Uploaded by : exploreaustralia <adams@...>
Description : This is my working test mockup of the mod to turn off the display and extend the VFD useable life span.

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Reducing%20RFI%20mods/Turn%20display%20off%20mod.JPG

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

exploreaustralia <adams@...>

2389. Re: Turning off the NRD-535D display

Yahoo group: nrd-525-535
Date: 2011-04-30 23:43:12 UTC
From: John
Topic: 2228 Message: 2389

Hi All

I added an image of the test mockup of the display control switch .
I think it is fairly clear how it works.

http://f1.grp.yahoofs.com/v1/cJS8TVD-Y-5PQcXD5FkkcPMOFa39UXZkcjNqC3wRLeRNyyfZ9yeECl7RLgGTG9iVrvc8_xbOYOI6UdNrwxvKnLns9aObQZu4ktD2zROf/Reducing%20RFI%20mods/Turn%20display%20off%20mod.JPG

Regards to all.
John

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Hi All
>
> I now have a simple to do mod that anyone with basic soldering skills can do.
> Only the top cover needs to be removed to do it.
>
> Parts list:
> A miniature 3-5 amp toggle switch. single or double pole double throw. please use a minature switch or it will look out of place.
> 3 to 5 inches of flexible power wire.
> 2 inches of heat shrink tubing.
> 1x 470 to 1K ohm 1/4 W resistor
>
> Instructions:
> If you have poor soldering skills and no drilling experience, get someone else to do it.
> Disconnect everything from your radio, especially the power.
> Take off the top lid of the 535.
> You will be working at the rear of the 535.
> In the power supply area locate the CBD-1080 AVR regulator board.
> Using a solder sucker, desolder the number 3 power line that provides 9v to the display inverter, it is a little tricky as the orange cable is a little difficult to pull out, so i desoldered it and pushed it out of the #3 hole.
> To make the soldering easier, presolder (wet) one end of the 3 to 5 inch power lead. insert it from below through the PC board into the #3 hole and solder in place, you will need to make the wire in the shape of a U or J so it enters the #3 hole.
> Work out where to drill the hole in the rear panel, take into account the depth of the switch and the power cables that will be soldered to the switch. This may take you a few goes to get it right, please do not start drilling until YOU have the position right.
>
> Turn the radio upside down and drill a small whole to fit the toggle switch thorugh. A good suggestion is to have a vacuum cleaner running right at the drilling face to catch any metal shavings. Take extra time and make sure YOU remove ALL shavings or they will damage or destroy your 535.

> Verify the miniature switch fits your hole.
> Turn the 535 upright.
>
> You should now have a hole that fits the switch.
> All drill shavings removed.
> 2 loose power leads
> 1 miniature toggle switch.
> Some heat shrink and a resistor.
>
> Shorten the 3 to 5 inch cable to comfortably allow you to solder it to the toggle switch before the switch is installed in the rear panel, of course allowing enough length so the switch can be placed on its hole.
> Presolder (wet) the end of the shortened 3 to 5 inch cable and once cool place an inch of heat shrink on both loose leads.
> Solder the shortened lead and solder it to any but the center connecter of the toggle switch.
> Manipulate the orange wire so it can be soldered to the switch.
> Solder the orange cable to the centre connection of the switch.
> Slide the heat shrink over the switch connectors and safely shrink it.
> Install the switch into the rear panel hole and verify there is no chance of a short circuit occurring.
>
> Double check every thing especially the drill shavings.
> Install the resistor between connect 3 and (4 or 7) on the CBD-1080 AVR regulator board.
> This give a small load to the 9v power supply when the display is off.
>
> If all is ok.
> Throw the toggle switch to ON.
>
> Turn you 535 to be at its front and connect it up.
> Power up your 535, if all went well , everything will be as normal, including the RFI from the display.
> Throw the display off toggle switch to OFF.
> The display of blank, you will find no FRI from the display and your total power used is 25% less, so less heat and things run a lot cooler.
> Best of all the VFD is not being continuously lit when you are just listening, thus giving it a longer life span.
>
> You may now find that the display was not the only source of RFI. But that is an topic already covered by me.
>
> FYI, my own version of this mod is a but more involved, by pressing the LOCK button on the front panel turns off the display, much more professional, but a lot more involved. I can provide info if you want it.
>
> Have a nice day.
>
> Regards John
>
>

>
>
>
>
>
>
>
>
>
>
> --- In nrd-525-535@yahoogroups.com, "Charles Bolland" <ka4prf@> wrote:
> >
> > John,
> >
> > I am interested in getting rid of the noise the display
> > produces; however, the problem with
> > the heat when the display is turned off would worry me.
> > Second, I would be satisfied with
> > just an on and off switch. The automatic turn off
> > sounds nice, but there would be some
> > who would like it to be variable so the automatic turn
> > off times can be changed if needed
> > or wanted?
> >
> > Keep me informed and thanks.
> >
> > Chuck
> > ka4prf@
> >
> >
> > _____
> >
> > From: nrd-525-535@yahoogroups.com
> > [mailto:nrd-525-535@yahoogroups.com] On Behalf Of John
> > Sent: Tuesday, November 02, 2010 22:58
> > To: nrd-525-535@yahoogroups.com
> > Subject: [nrd-525-535] Re: Turning off the NRD-535D
> > display
> >
> >
> >
> >
> > Hi Chuck
> >
> > What are your thoughts?
> >
> > I am thinking about an auto turn off the display after
> > 1 minute would be the easiest to do and it is simpler
> > to install as there is no modifications to the front
> > panel to do. and if you forget, it turns off the

> > display for you.
> >
> > I am thinking of using the keyboard strobe level or
> > tuning knob encoder index level to reactivate the
> > display, this would restart the count-down timer, the
> > display would stay active for 1 minute after you have
> > stopped pressing any keys or using the tuning knob.
> > The minute it is adjustable.
> > or
> > Should I just fit a hidden switch that will turn off
> > and on the inverters for the display.
> >
> > One of the problems with a VFD is the heated wires,
> > turning them on and off is not good due to
> > heating/cooling stress, so they will need to be left on
> > with less current just to keep them warm.
> >
> > This is an interesting project to get into over my
> > summer.
> >
> > I will keep you all updated.
> >
> > Regards John
> >
> > --- In nrd-525-535@yahoogroups.com
> > <mailto:nrd-525-535%40yahoogroups.com> , "Charles
> > Bolland" <ka4prf@> wrote:
> > >
> > > John,
> > >
> > > I am not tecnically inclined, so I can't recommend
> > the
> > > mod, but when you get
> > > it finished, I would like to have the details. The
> > > part about reducing interference from
> > > the display interests me very much.
> > >
> > > Chuck Bolland
> > > ka4prf@
> > >
> > >
> > > _____
> > >
> > > From: nrd-525-535@yahoogroups.com
> > <mailto:nrd-525-535%40yahoogroups.com>
> > > [mailto:nrd-525-535@yahoogroups.com
> > <mailto:nrd-525-535%40yahoogroups.com>] On Behalf Of
> > John
> > > Sent: Tuesday, October 26, 2010 11:35
> > > To: nrd-525-535@yahoogroups.com

> > <mailto:nrd-525-535%40yahoogroups.com>
> > > Subject: [nrd-525-535] Turning off the NRD-535D
> > display
> > >
> > >
> > >
> > >
> > > Hi All
> > > I would like to hear your opinions
> > > I have not done this yet but I feel I need to.
> > > As you know the VFD (vacuum fluorescent display) in
> > the
> > > 535 has a limited life, as the phosphor gradually
> > burns
> > > away. This will make our displays dim and colourless.
> > >
> > > I do not use my 535 as much as I would like as my
> > > display is very dim and is almost not visible in
> > > daylight.
> > >
> > > I have been thinking about a mod that will power down
> > > the display when it is not needed, like when you have
> > > found your station and do not need to look at the
> > > display, but you want to listen to the radio.
> > > There is a few advantages:
> > > 1, No EMI noise from the display power supply
> > > inverters.
> > > 2. Less power consumed , less heat in the power
> > supply.
> > > 3. Longer life span for the VFD and its power supply.
> > > 4. Lower noise floor in the receiver. the VFD
> > inverters
> > > make a lot of EMI and its gets into the 535
> > everywhere.
> > > I think thats it.
> > > I hope to use a front panel switch combination to
> > throw
> > > a relay with a bit of simple logic circuitry, that
> > way
> > > there is no need to drill and fit extra switches.
> > >
> > > Any way, what do you think?
> > > Is there any pitfalls?
> > >
> > > Thanks in advance.
> > >
> > > Regards John
> > > VK2XCQ
> > >
> >

>

2390. Finally the ECSS works

Yahoo group: nrd-525-535
Date: 2011-05-02 03:45:51 UTC
From: John
Topic: 2390 Message: 2390

Hi All

My 535D had a ECSS board installed and all it use to do was make a loud high pitched oscillation from the speaker just like a scream when the ECSS button was pushed.

I pulled out the board and found someone had attempted to repair it and severely damaged the PCB with tracks broken and missing and the wrong IC used.

Fortunately in my early career I was the one that got the job to rebuild burnt up PCBs, so I already had the skills.

They also added some caps around the IC2 PPL which I replaced to their original values.

After fixing the PCB and installing the new (original type and value) parts. I plugged it in and got a different scream from the speaker.

After a bit of experimenting, I found the original instructions in the service manual were right of adjusting the VCO trimpot, set TP4 to 4.5v
Plus or minus 0.2v from 4.5v is enough to cause the ESCC not to work.
This was not mentioned in the service manual.
You need to do the adjustment at various frequencies from low to high frequencies.
The VCO trimpot is VERY sensitive, a very very small adjustment will have it working or howling, personally I think I will replace it with a multiturn trimpot.

Now the ECSS work really well.
It stays locked to both very weak signals that show NO S meter readings and frequency varying AM signals really well.
Although 2 signals close to each other does cause it selection problems, which signal are you wanting it to lock to.

If your ECSS is not working correctly.
Attach a DIgital meter between TP 4 and ground and very slowing adjust the VCO trimpot.
Tune up a low S meter AM station and press the ECSS and slightly adjust to get 4.5v on TP4.
Press the ECSS again and verify it is still 4.5v .
DO the same up and down the bands and then verify it locks on very weak AM signals.

Mine now can lock and pull up a signal right down in the 535's noise floor.
ECSS does have problems with interference close by, as it sometimes locks on it.

It is nice to hear it working.
Now for the Noise Blanker.

Have a nice day and enjoy the listening.

Regards John

2391. Re: Finally the ECSS works

Yahoo group: nrd-525-535
Date: 2011-05-02 05:40:35 UTC
From: John
Topic: 2390 Message: 2391

Hi All

Now that I have my ECSS working, I found out something about it that is nice.

I was tuning on 14.268 Mhz, USB, Intermediate filter. A couple of amateurs/hams talking
The one station was an S9 and the other was audible but down in the noise due to no signal strength.
I went to AM and wide filter and pressed ECSS.
When the S9 station started talking it was HiFI quality, I have never heard sound quality like this on SSB from ANY radio I have including valve based receivers. The ECSS occasionally altered the frequency to try to find the station due to the USB station having no carrier for it to lock to.
The weak signal station did not do as well, it remained weak but audable, I guess there was not enough recoverable audio for the AM detector to work with.

Regards John

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Hi All
>
> My 535D had a ECSS board installed and all it use to do was make a loud high pitched oscillation from the speaker just like a scream when the ECSS button was pushed.
>
> I pulled out the board and found someone had attempted to repair it and severely damaged the PCB with tracks broken and missing and the wrong IC used.
>
> Fortunately in my early career I was the one that got the job to rebuild burnt up PCBs, so I already had the skills.
>
> They also added some caps around the IC2 PPL which I replaced to their original values.
>
> After fixing the PCB and installing the new (original type and value) parts. I plugged it in and got a different scream from the speaker.
>
> After a bit of experimenting, I found the original instructions in the service manual were right of adjusting the VCO trimpot, set TP4 to 4.5v
> Plus or minus 0.2v from 4.5v is enough to cause the ESCC not to work.
> This was not mentioned in the service manual.
> You need to do the adjustment at various frequencies from low to high frequencies.
> The VCO trimpot is VERY sensitive, a very very small adjustment will have it working or howling, personally I think I will replace it with a multiturn trimpot.
>
> Now the ECSS work really well.
> It stays locked to both very weak signals that show NO S meter readings and frequency varying AM signals really well.

> Although 2 signals close to each other does cause it selection problems, which signal are you wanting it to lock to.
>
> If your ECSS is not working correctly.
> Attach a DIgital meter between TP 4 and ground and very slowing adjust the VCO trimpot.
> Tune up a low S meter AM station and press the ECSS and slightly adjust to get 4.5v on TP4.
> Press the ECSS again and verify it is still 4.5v .
> DO the same up and down the bands and then verify it locks on very weak AM signals.
>
> Mine now can lock and pull up a signal right down in the 535's noise floor.
> ECSS does have problems with interference close by, as it sometimes locks on it.
>
> It is nice to hear it working.
> Now for the Noise Blanker.
>
> Have a nice day and enjoy the listening.
>
> Regards John
>

2393. Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2011-05-10 03:58:19 UTC
From: B A
Topic: 1208 Message: 2393

*In the reviews that I have read this has been a critisism of the Radio.
The felt washer is what the recommendation is. My 535 will be here this Wed
and I'll be looking for a felt washer as well. Otherwise I hear all good
things about the radio. I guess nothing is perfect
*
On Mon, May 9, 2011 at 3:40 PM, roth_ritter <orbital@...> wrote:

>
>
> This is an older thread, but relevant to my 535D which has a super
> sensitive tuning action on the knob and, as described earlier in this thread
> moves on it's own a little after you remove your hand. What I noticed in my
> case, is the tuning wheel is so free to float that it looks like the weight
> of the finger dimple is what may be throwing of the balance rather than
> being out of round. The knob consistently moves left or right depending on
> which side the dimple is on as it tries to drop down to center.
>
> Anyway, just a little further observation on this. I'll likely try the felt
> washer fix for this which should resolve it.
>
> -Roth
>
> --- In nrd-525-535@yahoogroups.com, Bill Cotter <n4alg@...> wrote:
> >
> > Chris,
> >
> > I can't remember if my 535D has the same dial drag mechanism as my
> > Tentec OMNI, but I think it may. You hold the main tuning dial
> > skirt, and rotate the tuning knob clockwise for more tension,
> > counter-clockwise for less. This is not the kind of adjustment you
> > do often, so I am a bit unsure if the JRC had the same method. If
> > not, the felt trick is a good alternative.
> >
> > 73 bill n4alg
> >
> > At 10:07 PM 1/1/2006, you wrote:
> > >Hi,
> > >I'm a new member to the group, so if this has been answered before,
> > >just point me to the message # ......
> > >
> > >The main tuning dial on my 535 is too loose, so if I select a
> > >frequency
> > >it might move on its own after setting it. The NRD-545 has a nice
> > >brake system on the dial but this model doesn't. Are there any
> > >internal adjustments that can me made to stiffen the tuning?

> > >
> > >Thanks.
> > >
> > >-Chris Lobdell
> > >
> > >
> > >
> > >
> > >
> > >
> > >Yahoo! Groups Links
> > >
> > >
> > >
> > >
> >
> >
> > --
> > Bill Cotter, N4ALG E-mail: n4alg@...
> > 173 Carolyn Lane Home: (859) 887-5563
> > Nicholasville, KY 40356-9340 Work: (859) 323-6474
> >
> > ARRL ARCI #9878 QRPl #1646 QCWA #29393 FISTS #4535
> > --
> >
>
>
>

--
Thanks !!!!,

Bob

2394. Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2011-05-10 12:58:12 UTC
From: Franz
Topic: 1208 Message: 2394

The service manual describes for the main tuning knob NRD535:

set screw
3T3x4

What means this exactly? Is it metric or inch? And what screw driver have I to use?

73
Franz, DL2GJ

--- In nrd-525-535@yahoogroups.com, B A <rma0100@...> wrote:
>
> *In the reviews that I have read this has been a critisism of the Radio.
> The felt washer is what the recommendation is. My 535 will be here this Wed
> and I'll be looking for a felt washer as well. Otherwise I hear all good
> things about the radio. I guess nothing is perfect
> *

2395. Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2011-05-10 13:46:39 UTC
From: Bob Betts
Topic: 1208 Message: 2395

http://www.bobsamerica.com
* Music * Audio * Radio *
"It's all good"

2396. Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2011-05-10 13:54:45 UTC
From: Bob Betts
Topic: 1208 Message: 2396

Sorry, I tried to trim the first message and it flew away.
Anyhow, I used to add a kit of parts to certain radios that exhibited that same problem in our shop. JRC receivers on occasion, but also some of the professional radios, a la; Racal and Watkins-Johnson to name a couple.
Basically it was two thin brass thrust washers with either a wave washer spring or a thin piano wire compression spring...depending on how much room there was behind the knob.
The tension is controlled by how far on the shaft the knob is seated.
The felt washer is also a good quick fix.

Bob, N1KPR

http://www.bobsamerica.com
* Music * Audio * Radio *
"It's all good"

--- On Mon, 5/9/11, B A <rma0100@...> wrote:

From: B A <rma0100@...>
Subject: Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535
To: nrd-525-535@yahoogroups.com
Date: Monday, May 9, 2011, 11:58 PM

In the reviews that I have read this has been a critisism of the Radio. The felt washer is what the recommendation is. My 535 will be here this Wed and I'll be looking for a felt washer as well. Otherwise I hear all good things about the radio. I guess nothing is perfect

2397. Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2011-05-10 14:44:59 UTC
From: B A
Topic: 1208 Message: 2397

I'm told that the set screw will not tension the dial. Maybe their wrong but the felt washer is what I read to offer some resistance to the float problem. I'll have my 535 tomorrow and I'll try to get a felt washer but here in TN they don't have much in the HW stores. They didn't even know what a guy wire kit was. Nor did they know what an electrical insulator was. They tried to sell me a splice kit. And the guy claimed he was an electrician!
*
*
*I'm from up north where technology rules. Cows, horses, and hay rules where I live. I call it "NO TECH TN". It's quite pitiful. They don't even know what a frequency is! I have to order everything on line.
*
--
Thanks !!!!,

Bob

2398. Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2011-05-10 14:56:23 UTC
From: Tony White
Topic: 1208 Message: 2398

A good substitute for the felt washer you're looking for might be found in your local auto parts store... look in the battery section. Felt washers are sold there to try to prevent battery terminal corrosion. That might just work for you.

I understand your frustration. I moved from D/FW to Oklahoma some years ago for a job and sometimes it's challenging to find what we took for granted back home...

----- Original Message -----
From: B A
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, May 10, 2011 9:44 AM
Subject: Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535

I'm told that the set screw will not tension the dial. Maybe their wrong but the felt washer is what I read to offer some resistance to the float problem. I'll have my 535 tomorrow and I'll try to get a felt washer but here in TN they don't have much in the HW stores. They didn't even know what a guy wire kit was. Nor did they know what an electrical insulator was. They tried to sell me a splice kit. And the guy claimed he was an electrician!

I'm from up north where technology rules. Cows, horses, and hay rules where I live. I call it "NO TECH TN". It's quite pitiful. They don't even know what a frequency is! I have to order everything on line.

--

Thanks !!!!,

Bob

2399. Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2011-05-10 14:58:59 UTC
From: casy_ch@tbwil.ch
Topic: 1208 Message: 2399

Here in the countryside we would not find felt washers easily. I make mines out of felt cloth with scisors and/or stamping punches if I have the correct diameter .

I get it from shops for sewing cloth or from hat makers.

Do not try to do anything with the set screw. It is not its purpose. The felt is the good solution.

Jean-Claude, Switzerland

----- Original Message -----
From: B A
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, May 10, 2011 4:44 PM
Subject: Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535

I'm told that the set screw will not tension the dial. Maybe their wrong but the felt washer is what I read to offer some resistance to the float problem. I'll have my 535 tomorrow and I'll try to get a felt washer but here in TN they don't have much in the HW stores. They didn't even know what a guy wire kit was. Nor did they know what an electrical insulator was. They tried to sell me a splice kit. And the guy claimed he was an electrician!

I'm from up north where technology rules. Cows, horses, and hay rules where I live. I call it "NO TECH TN". It's quite pitiful. They don't even know what a frequency is! I have to order everything on line.

--

Thanks !!!!,

Bob

2400. Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2011-05-10 19:48:11 UTC
From: B A
Topic: 1208 Message: 2400

Yes, I thought about that battery felt washer or actually maybe a couple of them. As I said I will have the Radio tomorrow and I'll pick one or 2 up and see if it offers enough resistance to stiffen the knob. If it works I'll report to the group.
*
*
*I just sold a 525 which I liked but everyone says the 535 is so much better and the eham reviews rate it well also. I do have 2 Kenwood R-5000's and I like that Kenwood sound but the 525 offered more control over the signal so I decided to try one. The 545 is not rated as well as the 535 but a even nicer looking radio. Guess I'll have to try them all.
*
--
Thanks !!!!,

Bob

2401. Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2011-05-10 19:58:05 UTC
From: KA5TRO
Topic: 1208 Message: 2401

I have enjoyed my 535D. I recently sold a Lowe HF-225 which I couldn't justify keeping because I wasn't using it as much as my 535D -- also an excellent receiver, but the 535D is a bit better. in my opinion. I also own a TenTec RX-350D and I would expect that it would compare very well to the 545 since both use DSP, though I'm not using it as much for SWL as I am for a second receiver to my TenTec Jupiter -- since both can be controlled from a single software package.

I never had the opportunity to use a 525 so I can't comment there. I have owned Kenwood R-1000, R-2000 and R-5000 and still own the R-1000 as well as a Kenwood hybrid HF rig -- as you said, that Kenwood sound is sweet. Like you said, you have to try them all... :-D

----- Original Message -----
From: B A
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, May 10, 2011 2:48 PM
Subject: Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535

Yes, I thought about that battery felt washer or actually maybe a couple of them. As I said I will have the Radio tomorrow and I'll pick one or 2 up and see if it offers enough resistance to stiffen the knob. If it works I'll report to the group.

I just sold a 525 which I liked but everyone says the 535 is so much better and the eham reviews rate it well also. I do have 2 Kenwood R-5000's and I like that Kenwood sound but the 525 offered more control over the signal so I decided to try one. The 545 is not rated as well as the 535 but a even nicer looking radio. Guess I'll have to try them all.

--

Thanks !!!!,

Bob

2402. Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2011-05-10 20:20:31 UTC
From: caladonia5560
Topic: 1208 Message: 2402

I believe that some battery washers are treated with chemicals to neutralize acid. Here is a source for various sizes of felt washers made for antique radio knobs, they have a 1/4 inch hole and should work for the NRD-535.

http://www.radiosupply.com/category/59.aspx

Les

--- In nrd-525-535@yahoogroups.com, B A <rma0100@...> wrote:
>
> *Yes, I thought about that battery felt washer or actually maybe a couple of
> them. As I said I will have the Radio tomorrow and I'll pick one or 2 up
> and see if it offers enough resistance to stiffen the knob. If it works
> I'll report to the group.*
> *
> *
> *I just sold a 525 which I liked but everyone says the 535 is so much better
> and the eham reviews rate it well also. I do have 2 Kenwood R-5000's and I
> like that Kenwood sound but the 525 offered more control over the signal so
> I decided to try one. The 545 is not rated as well as the 535 but a even
> nicer looking radio. Guess I'll have to try them all.
> *
> --
> Thanks !!!!,
>
> Bob
>

2405. Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2011-05-11 04:19:32 UTC
From: B A
Topic: 1208 Message: 2405

*Then thats exactly what I will do. Buy a piece of felt and make a washer
as the battery washer is not big enough. How is the noise floor on the 535?
Thanks for the idea
*
On Tue, May 10, 2011 at 10:23 PM, roth_ritter <orbital@...>wrote:

>
>
> I thought about thrust bearings which would be the ultimate professional
> fix, but since I had a sheet of black felt around the house, I cut out a
> circle of it using the knob as a template. I can say that it works perfectly
> as a quick fix.
>
>
> --- In nrd-525-535@yahoogroups.com, Bob Betts <rwbetts@...> wrote:
> >
> > Sorry, I tried to trim the first message and it flew away.
> > Anyhow, I used to add a kit of parts to certain radios that exhibited
> that same problem in our shop. JRC receivers on occasion, but also some of
> the professional radios, a la; Racal and Watkins-Johnson to name a couple.
> > Basically it was two thin brass thrust washers with either a wave washer
> spring or a thin piano wire compression spring...depending on how much room
> there was behind the knob.
> > The tension is controlled by how far on the shaft the knob is seated.
> > The felt washer is also a good quick fix.
> >
> > Bob, N1KPR
> >
> >
> > http://www.bobsamerica.com
> > * Music * Audio * Radio *
> > "It's all good"
> >
> > --- On Mon, 5/9/11, B A <rma0100@...> wrote:
> >
> >
> > From: B A <rma0100@...>
>
> > Subject: Re: [nrd-525-535] Re: Main Tuning Dial Too Loose on NRD-535
> > To: nrd-525-535@yahoogroups.com
> > Date: Monday, May 9, 2011, 11:58 PM
> >
> >
> >
> >

> >
> >
> > In the reviews that I have read this has been a critisism of the Radio.
> The felt washer is what the recommendation is. My 535 will be here this Wed
> and I'll be looking for a felt washer as well. Otherwise I hear all good
> things about the radio. I guess nothing is perfect
> >
>
>
>

--
Thanks !!!!,

Bob

2406. Re: [nrd-525-535] A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-11 04:31:59 UTC
From: B A
Topic: 2404 Message: 2406

* have not worked on the JRC's primarily because I need a CCA Extender to
probe the cards. However I will let you know tomorrow night if it's a
common problem or not.*
*
*
*Bob
*
On Tue, May 10, 2011 at 10:28 PM, roth_ritter <orbital@...>wrote:

>
>
> I've had my 535D for a few weeks now and I'm a little baffled at what the
> best practice is for using the ECSS function. Whenever I turn it on, it
> locks on only if I'm right on the exact station center (sometimes it's a
> little hard to find because some signals span 10 Mhz or so). But, shortly
> thereafter it seems to have trouble staying there. Even on moderate to
> strong stations it sounds fine for a few seconds and then sounds like what I
> would describe as a needle scratching a record. Kind of a feedback squeak or
> whine. Is this normal behavior and is there a certain set of parameters to
> follow in order to get the ECSS to work right or is my receiver in need of
> some type of adjustment? Thanks for any input on the matter.
>
> -Roth R.
>
>
>

--
Thanks !!!!,

Bob

2407. Re: [nrd-525-535] A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-11 05:17:17 UTC
From: kkyahoo
Topic: 2404 Message: 2407

Roth R,
I modded my ECSS to incorporate the Lowe mods, and found there to be a great improvement,
Kevin
----- Original Message -----
From: roth_ritter
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, May 11, 2011 4:28 AM
Subject: [nrd-525-535] A Finicky ECSS function?

I've had my 535D for a few weeks now and I'm a little baffled at what the best practice is for using the ECSS function. Whenever I turn it on, it locks on only if I'm right on the exact station center (sometimes it's a little hard to find because some signals span 10 Mhz or so). But, shortly thereafter it seems to have trouble staying there. Even on moderate to strong stations it sounds fine for a few seconds and then sounds like what I would describe as a needle scratching a record. Kind of a feedback squeak or whine. Is this normal behavior and is there a certain set of parameters to follow in order to get the ECSS to work right or is my receiver in need of some type of adjustment? Thanks for any input on the matter.

-Roth R.

2409. Re: [nrd-525-535] NEW NRD-535DG for sale

Yahoo group: nrd-525-535
Date: 2011-05-11 06:53:46 UTC
From: B A
Topic: 2408 Message: 2409

Wish I knew about this earlier. I just bought a NRD-535D. I resell Radios and Test Equipment. I will wait till the eBay listing and bid accordingly unless you offer a wholsale price

**
*Bob

*
On Wed, May 11, 2011 at 1:11 AM, dfas_eu <dfas-eu@...> wrote:

>
>
> I had the chance of buying several NRDs this weekend.
>
> NRD-535D fully loaded with PUEHLER upgrades w. Certificate
> NRD-535DG with Lowe Upgrades and Lowe Certificate
>
> and a brand new, in the box, never used
>
> NRD-535DG
>
> which I would like to sell. I just took it out of the box to see if it
> turns on. Never seen an antenna plug.
>
> I am living in Germany - if someone is interessted in. Make an offer. Will
> go on ebay this weekend.
>
>
>

--
Thanks !!!!,

Bob

2410. Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2011-05-11 13:47:59 UTC
From: B A
Topic: 1208 Message: 2410

I received my NRD-535 today. It's awesome. Best HF Rig I have ever had. The tuning knob is fine. I have no issues with it at all. The radio is in absolute new condition. Not a scratch on it. I played with the ECCS And that seems to improve the AM reception to a significant level. As someone else mentioned they had a crackling noise or something like that but nit must be unique to their radio.
*
*
This is so nice I will now sell my two Kenwood 5000's as I don't see any need for them now. One has the VHF Converter and that seems to be in quite a bit of demand so I'll list it on QTH today. I've actually seen them go for $1,000 on eBay, The VHF converter is the most sensitive VHF receiver I have ever used. I measured the sensitivity with my R&S Signal Generator and it was .03 UV at 155 MHz. Stunning! However I have 3 Uniden scanners including the 996XT so I really don't need the 5000 VHF capability.
*
*
*So, for now I don't need any felt washers. maybe time will dictate
*
--
Thanks !!!!,

Bob

2411. Re: [nrd-525-535] A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-12 01:50:57 UTC
From: Brian Denley
Topic: 2404 Message: 2411

Roth:
You're supposed to tune first close to the station (right on if you can, at least within a KHz), then engage the ECSS. The ECSS function's main purpose is to reduce the effects of severe fading on an AM signal. It won't completely eliminate that fading, nothing can, but the goal is to maintain intelligibility during the fade. A second benefit to sideband selectable synchronous detectors (ECSS) is to allow the user to pick whichever sideband to use in case there is an adjacent noise source close to one side of the signal you want to listen to. If your ECSS starts out OK but then gets and stays worse, then it might be defective.
Brian Denley
KB1VBF
http://home.comcast.net/~b.denley/index.html
----- Original Message -----
From: "roth_ritter" <orbital@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, May 10, 2011 11:28 PM
Subject: [nrd-525-535] A Finicky ECSS function?

I've had my 535D for a few weeks now and I'm a little baffled at what the best practice is for using the ECSS function. Whenever I turn it on, it locks on only if I'm right on the exact station center (sometimes it's a little hard to find because some signals span 10 Mhz or so). But, shortly thereafter it seems to have trouble staying there. Even on moderate to strong stations it sounds fine for a few seconds and then sounds like what I would describe as a needle scratching a record. Kind of a feedback squeak or whine. Is this normal behavior and is there a certain set of parameters to follow in order to get the ECSS to work right or is my receiver in need of some type of adjustment? Thanks for any input on the matter.

-Roth R.

2412. Re: [nrd-525-535] A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-12 01:56:05 UTC
From: Brian Denley
Topic: 2404 Message: 2412

Roth:
Did you really mean 10 MHz?? 10 KHz would be about right
Brian Denley
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "roth_ritter" <orbital@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, May 10, 2011 11:28 PM
Subject: [nrd-525-535] A Finicky ECSS function?

I've had my 535D for a few weeks now and I'm a little baffled at what the best practice is for using the ECSS function. Whenever I turn it on, it locks on only if I'm right on the exact station center (sometimes it's a little hard to find because some signals span 10 Mhz or so). But, shortly thereafter it seems to have trouble staying there. Even on moderate to strong stations it sounds fine for a few seconds and then sounds like what I would describe as a needle scratching a record. Kind of a feedback squeak or whine. Is this normal behavior and is there a certain set of parameters to follow in order to get the ECSS to work right or is my receiver in need of some type of adjustment? Thanks for any input on the matter.

-Roth R.

2413. Re: [nrd-525-535] A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-12 11:21:40 UTC
From: B A
Topic: 2404 Message: 2413

I just got my 535 yesterday and the ECCS function, when turned on creates a howl for a second or so then brings the AM station in a little better than if not turned on. The USB lamp also lights up. I see that there is a LOWE modification for this feature of the radio. I'm not into HF AM Stations, just utilities with the exception of Radio Cuba which has siome programming relative to HAM Radio and DX'ng.

**
I'd also like to know if anyone knows the frequency for Al Jazerra. I'd like to hear what their saying about the USA, especially after the UBL thing. I'm certainly not siding with the islamic views but I'd like to hear both sides of the story. It reminds me of the days when I was a kid, 50 years ago and there was Radio Moscow. All they did 24/7 was bash the USA. Now I hear Radio Russia on 7440 and there not bashing us anymore. Things have changed in the world, haven't they.
**
"The only thing wrong with getting old..... IS getting old"
**
*While I'm at it I also like to know if Pakistan is up there. I'll bet they have a lot to say.....LOL

*
--
Thanks !!!!,

Bob

2415. Re: [nrd-525-535] Re: A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-12 21:16:59 UTC
From: Charles
Topic: 2404 Message: 2415
Attachments: 3 described; binary payloads are missing from this source WARC

Roth

There's always been a problem with the NRD535D's ECSS locking in. The
NRD545 has a better reputation in that area.

Chuck

-------Original Message-------

From: roth_ritter
Date: 5/12/2011 8:17:04 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: A Finicky ECSS function?

I did mean KHz, I fat fingered that one. Regarding your previous reply, I
wasn't sure how close you needed to be on the station for the ECSS to lock
in so being very close makes sense in what I'm seeing. When I'm right on the
number, it does lock in and the station seems more stable but the ECSS has
brief moments of trying to stay locked with a little whine for a second as
it tries to pull back in (and most of the time does). It just seems to
always have to adjust (audibly) to stay continuously locked even on strong
stations and I didn't know if this was normal or not. Thanks.

-R

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Roth:
> Did you really mean 10 MHz?? 10 KHz would be about right
> Brian Denley
> KB1VBF
> http://home.comcast.net/~b.denley/index.html
>
> ----- Original Message -----
> From: "roth_ritter" <orbital@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Tuesday, May 10, 2011 11:28 PM
> Subject: [nrd-525-535] A Finicky ECSS function?
>
>
> I've had my 535D for a few weeks now and I'm a little baffled at what the
> best practice is for using the ECSS function. Whenever I turn it on, it
> locks on only if I'm right on the exact station center (sometimes it's a
> little hard to find because some signals span 10 Mhz or so). But, shortly
> thereafter it seems to have trouble staying there. Even on moderate to
> strong stations it sounds fine for a few seconds and then sounds like what

I
> would describe as a needle scratching a record. Kind of a feedback squeak
or
> whine. Is this normal behavior and is there a certain set of parameters to

> follow in order to get the ECSS to work right or is my receiver in need of

> some type of adjustment? Thanks for any input on the matter.
>
> -Roth R.
>

2417. Re: A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-12 22:48:55 UTC
From: B A
Topic: 2404 Message: 2417

*There's always that LOWE mod that some people are raving about.
*
--
Thanks !!!!,

Bob

2419. Re: [nrd-525-535] Re: A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-13 05:52:41 UTC
From: kkyahoo
Topic: 2404 Message: 2419

In the files section

----- Original Message -----
From: Roth Ritter
To: nrd-525-535@yahoogroups.com
Sent: Thursday, May 12, 2011 11:57 PM
Subject: Re: [nrd-525-535] Re: A Finicky ECSS function?

Yeah where can I find the info on that?

-R

On May 12, 2011, at 4:48 PM, B A wrote:

There's always that LOWE mod that some people are raving about.

--

Thanks !!!!,

Bob

2420. Re: A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-13 12:59:58 UTC
From: John
Topic: 2404 Message: 2420

Hi All

I just put this up about a week ago talking about this very topic.

I suggest your ECSS board is just misaligned. What you are describing is what was happening to me.

This an a extract for FInally got the ECSS working.
FYI, you will not need any extender board to do the adjustment.

After a bit of experimenting, I found the original instructions in the service manual were right of adjusting the VCO trimpot, set TP4 to 4.5v
Plus or minus 0.2v from 4.5v is enough to cause the ESCC not to work.
This was not mentioned in the service manual.
You need to do the adjustment at various frequencies from low to high frequencies.
The VCO trimpot is VERY sensitive, a very very small adjustment will have it working or howling, personally I think I will replace it with a multiturn trimpot.

Now the ECSS work really well.
It stays locked to both very weak signals that show NO S meter readings and frequency varying AM signals really well.
Although 2 signals close to each other does cause it selection problems, which signal are you wanting it to lock to.

If your ECSS is not working correctly.
Attach a DIgital meter between TP 4 and ground and very slowing adjust the VCO trimpot on the ECSS board.
Tune in a low S meter AM station and press the ECSS and slightly adjust to get 4.5v on TP4.
Press the ECSS again and verify it is still 4.5v .
DO the same up and down the bands and then verify it locks on very weak AM signals.

Mine now can lock and pull up a signal right down in the 535's noise floor.
ECSS does have problems with interference close by, as it sometimes locks on it.

Regards John

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> In the files section
>
>
> ----- Original Message -----
> From: Roth Ritter

> To: nrd-525-535@yahoogroups.com
> Sent: Thursday, May 12, 2011 11:57 PM
> Subject: Re: [nrd-525-535] Re: A Finicky ECSS function?
>
>
>
>
> Yeah where can I find the info on that?
>
>
> -R
>
>
>
>
>
> On May 12, 2011, at 4:48 PM, B A wrote:
>
>
>
> There's always that LOWE mod that some people are raving about.
>
> --
>
>
> Thanks !!!!,
>
> Bob
>

2422. Re: [nrd-525-535] Re: A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-13 15:54:35 UTC
From: kkyahoo
Topic: 2404 Message: 2422

Roth,

You should be able to use a steady AM signal. Choose something below S9 on the meter. May be worth switching the attenuator in to get the signal below S9. Go into SSB mode and zero beat it to get the rx exactly on frequency. Go back to AM and switch on ECSS and set up the voltage on the test point. You can also do it by ear on a weak signal, just make sure the ECSS can lock to the signal at an equal offset either side of the carrier.

I would do the Lowe ECSS mod once you have had a play with setting it up.

Kevin

----- Original Message -----
From: Roth Ritter
To: nrd-525-535@yahoogroups.com
Sent: Friday, May 13, 2011 4:31 PM
Subject: Re: [nrd-525-535] Re: A Finicky ECSS function?

Except for the delicate trim pot, that sounds easy enough to try. The service manual (7.2.10) also refers to hooking up a signal generator to the antenna at 7.1 MHz which I don't have. If this is the same procedure you're talking about, is that necessary?

-R

On May 13, 2011, at 6:59 AM, John wrote:

Hi All

I just put this up about a week ago talking about this very topic.

I suggest your ECSS board is just misaligned. What you are describing is what was happening to me.

This an a extract for FInally got the ECSS working.
FYI, you will not need any extender board to do the adjustment.

After a bit of experimenting, I found the original instructions in the service manual were right of adjusting the VCO trimpot, set TP4 to 4.5v
Plus or minus 0.2v from 4.5v is enough to cause the ESCC not to work.
This was not mentioned in the service manual.
You need to do the adjustment at various frequencies from low to high frequencies.
The VCO trimpot is VERY sensitive, a very very small adjustment will have it working or howling, personally I think I will replace it with a multiturn trimpot.

Now the ECSS work really well.
It stays locked to both very weak signals that show NO S meter readings and

frequency varying AM signals really well.
Although 2 signals close to each other does cause it selection problems, which signal are you wanting it to lock to.

If your ECSS is not working correctly.
Attach a DIgital meter between TP 4 and ground and very slowing adjust the VCO trimpot on the ECSS board.
Tune in a low S meter AM station and press the ECSS and slightly adjust to get 4.5v on TP4.
Press the ECSS again and verify it is still 4.5v .
DO the same up and down the bands and then verify it locks on very weak AM signals.

Mine now can lock and pull up a signal right down in the 535's noise floor.
ECSS does have problems with interference close by, as it sometimes locks on it.

Regards John

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> In the files section
>
>
> ----- Original Message -----
> From: Roth Ritter
> To: nrd-525-535@yahoogroups.com
> Sent: Thursday, May 12, 2011 11:57 PM
> Subject: Re: [nrd-525-535] Re: A Finicky ECSS function?
>
>
>
>
> Yeah where can I find the info on that?
>
>
> -R
>
>
>
>
>
> On May 12, 2011, at 4:48 PM, B A wrote:
>
>
>
> There's always that LOWE mod that some people are raving about.
>
> --
>
>
> Thanks !!!!,

>
> Bob
>

2424. Re: [nrd-525-535] Re: A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-13 17:29:26 UTC
From: B A
Topic: 2404 Message: 2424

I searched google for the lowe modification and came up with nothing but I didn't spend a lot of time looking for it or changing the search terms. I read it on one of these posts so you might try searching the yahoo group for it. As well I also read that JRC, NY still supports the radio so you might want to contact them.
**
I'm sure there's a fix out there somewhere. Actually I just got my unit and tried it a few times and the whine is normal and it seemed to stay locked on the frequency. I notice the USB lamp lights up. I have not had the time to read the theory of this ECSS function and it does seem to improve the signal quality a little but I'm a utility listener so I don't do a lot of AM DX'ng.
**
*I repair Spectrum Analyzers and other RF Devices but I have not vventured into the repair of any HF units except the Kenwood R-5000 as I have a lot of spare parts for them and I don't need a card extender to fix them. However, drifting has to be isolated down to a RF stage, mixer, or IF unit so one has to inject a signal and use a spectrum analyzer to see which RF stage is drifting. It's easy on the 5000's but not on the units that have cards that plug into a mother board. Good Luck

*
On Fri, May 13, 2011 at 12:52 AM, kkyahoo <kkyahoo@...m> wrote:

>
>
> In the files section
>
>
>
> ----- Original Message -----
> *From:* Roth Ritter <orbital@...>
> *To:* nrd-525-535@yahoogroups.com
> *Sent:* Thursday, May 12, 2011 11:57 PM
> *Subject:* Re: [nrd-525-535] Re: A Finicky ECSS function?
>
>
>
> Yeah where can I find the info on that?
>
> -R
>
>
>
> On May 12, 2011, at 4:48 PM, B A wrote:

>
>
>
> *There's always that LOWE mod that some people are raving about.
> *
> --
> Thanks !!!!,
>
> Bob
>
>
>
>
>

--
Thanks !!!!,

Bob

2425. Re: [nrd-525-535] A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-14 02:04:08 UTC
From: Robert E. Montgomery
Topic: 2404 Message: 2425

Kiwa fixed mine several years ago and works fantastic, Very happy with it but have to admit I really did not like shipping the receiver but did anyway to get it to work correctly., Locks in fantastic now. Can rock the tuning knob either side of center freq and holds. Go too far and it howls a little bit which is expected.
Bob Montgomery

----- Original Message -----
From: Brian Denley
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, May 11, 2011 9:50 PM
Subject: Re: [nrd-525-535] A Finicky ECSS function?

Roth:
You're supposed to tune first close to the station (right on if you can, at least within a KHz), then engage the ECSS. The ECSS function's main purpose is to reduce the effects of severe fading on an AM signal. It won't completely eliminate that fading, nothing can, but the goal is to maintain intelligibility during the fade. A second benefit to sideband selectable synchronous detectors (ECSS) is to allow the user to pick whichever sideband to use in case there is an adjacent noise source close to one side of the signal you want to listen to. If your ECSS starts out OK but then gets and stays worse, then it might be defective.
Brian Denley
KB1VBF
http://home.comcast.net/~b.denley/index.html
----- Original Message -----
From: "roth_ritter" <orbital@rothritter.com>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, May 10, 2011 11:28 PM
Subject: [nrd-525-535] A Finicky ECSS function?

I've had my 535D for a few weeks now and I'm a little baffled at what the best practice is for using the ECSS function. Whenever I turn it on, it locks on only if I'm right on the exact station center (sometimes it's a little hard to find because some signals span 10 Mhz or so). But, shortly thereafter it seems to have trouble staying there. Even on moderate to strong stations it sounds fine for a few seconds and then sounds like what I would describe as a needle scratching a record. Kind of a feedback squeak or whine. Is this normal behavior and is there a certain set of parameters to follow in order to get the ECSS to work right or is my receiver in need of some type of adjustment? Thanks for any input on the matter.

-Roth R.

2427. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2011-05-14 05:04:04 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 2427

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Reducing RFI mods/ECSS with multiturn trimpot.JPG
Uploaded by : exploreaustralia <adams@...>
Description : ECSS with new multiturn trimpot, much easier to adjust and tilted upward to allow easy adjustment. Before installation adjust pot to 1K ohm so it is at least close to what you need. Adjust it to read 4.5v at TP4

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Reducing%20RFI%20mods/ECSS%20with%20multiturn%20trimpot.JPG

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

exploreaustralia <adams@...>

2428. Re: A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-14 05:21:56 UTC
From: John
Topic: 2404 Message: 2428

Hi

I just changed the original VCO trimpot for a multiturn trim pot.

A photo is in the files area, in the reducing rfi mods.

It works great and iv very easy to adjust.

Just a note.

"PLEASE MAKE SURE YOU ARE ON THE SAME FREQUENCY AS THE STATION YOU ARE USING TO CALIBRATE THE ECSS" or the VCO voltage will be wrong.

I adjusted mine using the WWV stations on 5, 10 and 20 MHZ.
by using the keyboard, the exact frequency is selected without the tuning knob.

A working ECSS makes all the difference.
I can now pull in stations in the NDB area (428KHz) that are down in the noise.
And SSB has a warn voice that it never had before.

Have a nice day.

Regards John

--- In nrd-525-535@yahoogroups.com, Roth Ritter <orbital@...> wrote:
>
> Thanks Bob; Ironically now that I've really been examining my ECSS and reading the manual notes, it doesn't seem to be too far off from what one can expect from stock performance. It may be just slightly off adjustment (I'll be hooking my meter up to test it), but I'm sure one of the available mods would make it better.
>
> -R
>
>
>
> On May 13, 2011, at 8:04 PM, Robert E. Montgomery wrote:
>
> >
> > Kiwa fixed mine several years ago and works fantastic, Very happy with it but have to admit I really did not like shipping the receiver but did anyway to get it to work correctly., Locks in fantastic now. Can rock the tuning knob either side of center freq and holds. Go too far and it howls a little bit which is expected.
> > Bob Montgomery
> >
> > ----- Original Message -----
> > From: Brian Denley
> > To: nrd-525-535@yahoogroups.com

> > Sent: Wednesday, May 11, 2011 9:50 PM
> > Subject: Re: [nrd-525-535] A Finicky ECSS function?
> >
> >
> > Roth:
> > You're supposed to tune first close to the station (right on if you can, at
> > least within a KHz), then engage the ECSS. The ECSS function's main purpose
> > is to reduce the effects of severe fading on an AM signal. It won't
> > completely eliminate that fading, nothing can, but the goal is to maintain
> > intelligibility during the fade. A second benefit to sideband selectable
> > synchronous detectors (ECSS) is to allow the user to pick whichever sideband
> > to use in case there is an adjacent noise source close to one side of the
> > signal you want to listen to. If your ECSS starts out OK but then gets and
> > stays worse, then it might be defective.
> > Brian Denley
> > KB1VBF
> > http://home.comcast.net/~b.denley/index.html
> > ----- Original Message -----
> > From: "roth_ritter" <orbital@...>
> > To: <nrd-525-535@yahoogroups.com>
> > Sent: Tuesday, May 10, 2011 11:28 PM
> > Subject: [nrd-525-535] A Finicky ECSS function?
> >
> > I've had my 535D for a few weeks now and I'm a little baffled at what the
> > best practice is for using the ECSS function. Whenever I turn it on, it
> > locks on only if I'm right on the exact station center (sometimes it's a
> > little hard to find because some signals span 10 Mhz or so). But, shortly
> > thereafter it seems to have trouble staying there. Even on moderate to
> > strong stations it sounds fine for a few seconds and then sounds like what I
> > would describe as a needle scratching a record. Kind of a feedback squeak or
> > whine. Is this normal behavior and is there a certain set of parameters to
> > follow in order to get the ECSS to work right or is my receiver in need of
> > some type of adjustment? Thanks for any input on the matter.
> >
> > -Roth R.
> >
> >
> >
> >
>

2429. Re: [nrd-525-535] A Finicky ECSS function?

Yahoo group: nrd-525-535
Date: 2011-05-14 13:13:21 UTC
From: Robert E. Montgomery
Topic: 2404 Message: 2429

Ok, but Kiwa has a mod that makes it lock in 100% better than stock. Yes, your right, it is out of adjustment but this mod makes it work even better.
Bob Montgomery
----- Original Message -----
From: Roth Ritter
To: nrd-525-535@yahoogroups.com
Sent: Friday, May 13, 2011 11:42 PM
Subject: Re: [nrd-525-535] A Finicky ECSS function?

Thanks Bob; Ironically now that I've really been examining my ECSS and reading the manual notes, it doesn't seem to be too far off from what one can expect from stock performance. It may be just slightly off adjustment (I'll be hooking my meter up to test it), but I'm sure one of the available mods would make it better.

-R

On May 13, 2011, at 8:04 PM, Robert E. Montgomery wrote:

Kiwa fixed mine several years ago and works fantastic, Very happy with it but have to admit I really did not like shipping the receiver but did anyway to get it to work correctly., Locks in fantastic now. Can rock the tuning knob either side of center freq and holds. Go too far and it howls a little bit which is expected.
Bob Montgomery

----- Original Message -----
From: Brian Denley
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, May 11, 2011 9:50 PM
Subject: Re: [nrd-525-535] A Finicky ECSS function?

Roth:
You're supposed to tune first close to the station (right on if you can, at least within a KHz), then engage the ECSS. The ECSS function's main purpose is to reduce the effects of severe fading on an AM signal. It won't completely eliminate that fading, nothing can, but the goal is to maintain intelligibility during the fade. A second benefit to sideband selectable synchronous detectors (ECSS) is to allow the user to pick whichever sideband to use in case there is an adjacent noise source close to one side of the signal you want to listen to. If your ECSS starts out OK but then gets and stays worse, then it might be defective.
Brian Denley
KB1VBF
http://home.comcast.net/~b.denley/index.html
----- Original Message -----
From: "roth_ritter" <orbital@...>
To: <nrd-525-535@yahoogroups.com>

Sent: Tuesday, May 10, 2011 11:28 PM
Subject: [nrd-525-535] A Finicky ECSS function?

I've had my 535D for a few weeks now and I'm a little baffled at what the best practice is for using the ECSS function. Whenever I turn it on, it locks on only if I'm right on the exact station center (sometimes it's a little hard to find because some signals span 10 Mhz or so). But, shortly thereafter it seems to have trouble staying there. Even on moderate to strong stations it sounds fine for a few seconds and then sounds like what I would describe as a needle scratching a record. Kind of a feedback squeak or whine. Is this normal behavior and is there a certain set of parameters to follow in order to get the ECSS to work right or is my receiver in need of some type of adjustment? Thanks for any input on the matter.

-Roth R.

2430. New dust covers for JRC gear...picture added

Yahoo group: nrd-525-535
Date: 2011-05-15 17:17:58 UTC
From: kf6ikc
Topic: 2430 Message: 2430

Hi Gang.
Some of you know me or know about the dust covers I make for most Ham gear.
I am offering a new style of cover that I call the Elite line. These are truly the BEST covers you can buy.

I just added a picture of one in the photos section of a NRD-535 I recently made.
You can find more info on my website: www.radiodustcovers.com

Take care,Stan W6ON

2431. More on ECSS . . .

Yahoo group: nrd-525-535
Date: 2011-05-15 20:27:15 UTC
From: m_shankman
Topic: 2431 Message: 2431

Gentleman,
I have been following the postings regarding ECSS with interest.
I am the fellow that has the ECSS Poll going. (Me: Stan Shankman K7SJB)
If you have not yet participated in that poll, I invite you to do so now:

http://groups.yahoo.com/group/nrd-525-535/surveys?id=2900880

It has been my intention (and admittedly, has been for some time now) to delve more deeply into this whole ECSS issue. Why do so many people regard ECSS as useless? (Including myself)
Now, to be clear let me state that I do not believe synchronous-detection in-and-of-itself is useless, but certainly it is not performing to my expectation (or to that of many other owners). And I have had this negative opinion on both of the two JRC radio's I have had. In fact, when enabling ECSS I get no enhanced reception whatsoever. My experience with a Sony 2010 is quite the opposite and it was, in fact, my positive experience with that implementation of synchronous-detection that prompted me to purchase an NRD JRC-535D in the first place.
What is not clear to me, and what I intend to find out, is whether or not my radios are defective, or simply suffering from a design flaw. To add to my curiosity; I am aware of modified radios, and am also aware that JRC themselves has issued circuit changes to the radio (although I don't believe any of these factory changes were specifically directed toward ECSS). The Kiwa mod to ECSS further raises my curiosity because, after all, if JRC had been updating the radio then why did they not choose to address customer issues regarding ECSS?
So, one day I may place the radio on the bench and dig in with appropriate test equipment and see what I can find.
I will, of course, post any results on this forum.
In the mean time, I encourage you all to participate in the poll, and to make further postings.

Sincerely,
Stan Shankman (K7SJB)

2432. Re: [nrd-525-535] More on ECSS . . .

Yahoo group: nrd-525-535
Date: 2011-05-15 21:04:05 UTC
From: Brian Denley
Topic: 2431 Message: 2432

You might start with what your expectations of ECSS are. Like noise blankers, many people have incorrect or unrealistic expectations of what it's supposed to do.
Brian Denley
KB1VBF
http://home.comcast.net/~b.denley/index.html
----- Original Message -----
From: "m_shankman" <stantheman@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, May 15, 2011 4:27 PM
Subject: [nrd-525-535] More on ECSS . . .

Gentleman,
I have been following the postings regarding ECSS with interest.
I am the fellow that has the ECSS Poll going. (Me: Stan Shankman K7SJB)
If you have not yet participated in that poll, I invite you to do so now:

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It has been my intention (and admittedly, has been for some time now) to delve more deeply into this whole ECSS issue. Why do so many people regard ECSS as useless? (Including myself)
Now, to be clear let me state that I do not believe synchronous-detection in-and-of-itself is useless, but certainly it is not performing to my expectation (or to that of many other owners). And I have had this negative opinion on both of the two JRC radio's I have had. In fact, when enabling ECSS I get no enhanced reception whatsoever. My experience with a Sony 2010 is quite the opposite and it was, in fact, my positive experience with that implementation of synchronous-detection that prompted me to purchase an NRD JRC-535D in the first place.
What is not clear to me, and what I intend to find out, is whether or not my radios are defective, or simply suffering from a design flaw. To add to my curiosity; I am aware of modified radios, and am also aware that JRC themselves has issued circuit changes to the radio (although I don't believe any of these factory changes were specifically directed toward ECSS). The Kiwa mod to ECSS further raises my curiosity because, after all, if JRC had been updating the radio then why did they not choose to address customer issues regarding ECSS?
So, one day I may place the radio on the bench and dig in with appropriate test equipment and see what I can find.
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Sincerely,
Stan Shankman (K7SJB)

2434. Re: [nrd-525-535] More on ECSS . . .

Yahoo group: nrd-525-535
Date: 2011-05-15 23:47:27 UTC
From: Bob Betts
Topic: 2431 Message: 2434

Hello Stan and All:
I just voted in your poll.
In reading the poll questions, it occurred to me that there may be some operational confusion concerning the expectations and reality of ECSS with true Sync detection. You mention both in your post.
I have experienced this more than once in conversations at the radio club as well. As has been mentioned before, a well executed Sync system can be a beautiful thing for long-term listening, but ECSS is really a technical compromise and at the mercy of the filter selections and how the selective fade mode is arriving at the antenna.

Anyhow, it's an interesting topic and thanks for the poll; I'll be interested in the outcome.

Bob, N1KPR

http://www.bobsamerica.com/swl.html
* Music * Audio * Radio *
"It's all good"

--- On Sun, 5/15/11, m_shankman <stantheman@...> wrote:

From: m_shankman <stantheman@...>
Subject: [nrd-525-535] More on ECSS . . .
To: nrd-525-535@yahoogroups.com
Date: Sunday, May 15, 2011, 4:27 PM

Gentleman,
I have been following the postings regarding ECSS with interest.
I am the fellow that has the ECSS Poll going. (Me: Stan Shankman K7SJB)
If you have not yet participated in that poll, I invite you to do so now:

http://groups.yahoo.com/group/nrd-525-535/surveys?id=2900880

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Now, to be clear let me state that I do not believe synchronous-detection in-and-of-itself is useless, but certainly it is not performing to my expectation (or to that of many other owners). And I have had this negative opinion on both of the two JRC radio's I have had. In fact, when enabling ECSS I get no enhanced reception whatsoever. My experience with a Sony 2010 is quite the opposite and it was, in fact, my positive experience with that implementation of synchronous-detection that prompted me to purchase an NRD JRC-535D in the first place.
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toward ECSS). The Kiwa mod to ECSS further raises my curiosity because, after all, if JRC had been updating the radio then why did they not choose to address customer issues regarding ECSS?
So, one day I may place the radio on the bench and dig in with appropriate test equipment and see what I can find.
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Sincerely,
Stan Shankman (K7SJB)

2435. Re: [nrd-525-535] More on ECSS . . .

Yahoo group: nrd-525-535
Date: 2011-05-16 00:19:10 UTC
From: Robert E. Montgomery
Topic: 2431 Message: 2435

I have only had one radio that worked to what I had read about ECSS and how it should work out of the box. Might find it hard to believe but the sony SW 100. If you have a signal that is barely audible, and hit the sync button, most times it will bring it up well enough to be audible. Problem with it is if the signal is too weak, the sync lock will drop out and you loose the audio.

Yes, I think your right, we might expect too much from ECSS. But I have seen it work so well on my SW 100. I think it is an excellent dxing tool. Sometimes it makes the difference of getting that id or not.

The Kiwa mod made the difference on the 535d. I thought I would have it done and if the ECSS did not do what I expected, it was gone. That was maybe 10 or 12 years ago. I still have it and works fine. I have to think the newer electronics in the E1 would work far better. There have been advances over the years and the newer gear might be a little better in that respect.

I took the poll. interesting
Thanks
Bob

----- Original Message -----
From: Brian Denley
To: nrd-525-535@yahoogroups.com
Sent: Sunday, May 15, 2011 5:04 PM
Subject: Re: [nrd-525-535] More on ECSS . . .

You might start with what your expectations of ECSS are. Like noise
blankers, many people have incorrect or unrealistic expectations of what
it's supposed to do.
Brian Denley
KB1VBF
http://home.comcast.net/~b.denley/index.html
----- Original Message -----
From: "m_shankman" <stantheman@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, May 15, 2011 4:27 PM
Subject: [nrd-525-535] More on ECSS . . .

Gentleman,
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I am the fellow that has the ECSS Poll going. (Me: Stan Shankman K7SJB)
If you have not yet participated in that poll, I invite you to do so now:

http://groups.yahoo.com/group/nrd-525-535/surveys?id=2900880

It has been my intention (and admittedly, has been for some time now) to
delve more deeply into this whole ECSS issue. Why do so many people regard

ECSS as useless? (Including myself)
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What is not clear to me, and what I intend to find out, is whether or not my radios are defective, or simply suffering from a design flaw. To add to my curiosity; I am aware of modified radios, and am also aware that JRC themselves has issued circuit changes to the radio (although I don't believe any of these factory changes were specifically directed toward ECSS). The Kiwa mod to ECSS further raises my curiosity because, after all, if JRC had been updating the radio then why did they not choose to address customer issues regarding ECSS?
So, one day I may place the radio on the bench and dig in with appropriate test equipment and see what I can find.
I will, of course, post any results on this forum.
In the mean time, I encourage you all to participate in the poll, and to make further postings.

Sincerely,
Stan Shankman (K7SJB)

2436. Re: [nrd-525-535] More on ECSS . . .

Yahoo group: nrd-525-535
Date: 2011-05-16 01:00:51 UTC
From: Brian Denley
Topic: 2431 Message: 2436

As far as I know, ECSS as NRD uses the term IS identical to a sideband selectable sync detector. That term has also been used as a short form of manual ECSS: switching to SSB and audibly zero beating the signal, but true ECSS is a syncronous AM detector.
Brian Denley
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Roth Ritter" <orbital@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, May 15, 2011 5:36 PM
Subject: Re: [nrd-525-535] More on ECSS . . .

I also have an Eton E1 that has probably the best AM Sync I've ever seen on any portable OR desktop unit, it's like a vice grip. Having experiences with that and like your Sony 2010, it's easy to hold a highly regarded radio like the 535 to a higher or at least an equal standard on this particular feature. It's also important to keep in context the ages of the radios in question. I know the E1 has a number of technology years over the 535D so I take that with a grain of salt, but the 2010 certainly is a more age-relavant comparison.

That said, I didn't spend the time initially to read what the manual said about ECSS, thinking "oh it's just like Sync on other radios, just push it and it locks on". Now after reading the manual, it seems to pretty much perform as the manual says it should with two important pieces of information. 1) "To engage ECSS operation, select the AM mode, tune the receiver to within 500 Hz of the desired signal's carrier frequency". My experience with other Sync buttons is that they pretty much lock on even if you're a good bit off and getting to within 500 Hz of some strong stations means determining the mid point in a pretty wide swath of bandwidth. However, once I spend the effort to get there it seems to lock on fine. 2) "...during deep signal fades the ECSS unit may lose lock on the carrier and cause a loud howl". This doesn't happen with the Sync feature I've experienced on other radios for the most part so initially my first thought was there was a problem with it.

Bottom line is, knowing ECSS isn't identical to AM Sync and reading the manual corrected my expectations and understanding of what the function is intended to do and it seems to follow that description pretty well. Of course I'd like it to perform better, like the E1, but at least I feel more now like it is doing what it was intended to do and not so much a result of a defect. As for actual results of improvement are concerned, my (albeit early) experience is that my mileage varies depending on the station. Sometimes I can't really tell a big difference, but other times selecting

the correct ECSS side band does offer up an improvement that is certainly noticeable. FWIW, The manual also states, "Use of the ECSS unit may not always be appropriate, especially if the signal is very weak or if there is more than once carrier within the receiver's IF filter passband".

I think if there is any point of contention here it might be in the subjective term "improved reception" and our mental comparison to what many of us know is possible. The manual claims two possible benefits of using the ECSS unit: the reduction of carrier distortion/channel fading and adjacent channel interference rejection by choosing the better side of the band (USB/LSB). It is probably worth noting that it doesn't state that both advantages will always be true. I've had experiences where the channel fade wasn't noticeably improved but choosing one side band over the other in itself improved reception (and vice versa).

This is just my take on all of this.

-R

2437. Re: [nrd-525-535] More on ECSS . . .

Yahoo group: nrd-525-535
Date: 2011-05-16 01:17:46 UTC
From: Brian Denley
Topic: 2431 Message: 2437

Bob:
Good point!. As I said earlier, many seem confused about the purpose of a sync detector: the reduction of audio distortion due to the (inevitable) deep fades on AM. Most sync detectors, including the one on my 535Db, do this very well. They do not eliminate the fades, but can greatly reduce the distortion allowing the user to still copy the signal right through the fades. In addition, a sideband selectable sync detector can also allow the user to pick the sideband away from any adjacent interference; often a big help!

Now it is true that manual ECSS can provide much of the same benefit, although my experience trying that with music has been pretty poor. In fact listening to foreign music broadcasts seems to be when I really appreciate the sync detector. As an example, when using my R-5000 (which has no sync detector), I almost never use AM.

Brian Denley
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Bob Betts" <rwbetts@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, May 15, 2011 7:47 PM
Subject: Re: [nrd-525-535] More on ECSS . . .

Hello Stan and All:
I just voted in your poll.
In reading the poll questions, it occurred to me that there may be some operational confusion concerning the expectations and reality of ECSS with true Sync detection. You mention both in your post.
I have experienced this more than once in conversations at the radio club as well. As has been mentioned before, a well executed Sync system can be a beautiful thing for long-term listening, but ECSS is really a technical compromise and at the mercy of the filter selections and how the selective fade mode is arriving at the antenna.

Anyhow, it's an interesting topic and thanks for the poll; I'll be interested in the outcome.

Bob, N1KPR

http://www.bobsamerica.com/swl.html
* Music * Audio * Radio *
"It's all good"

--- On Sun, 5/15/11, m_shankman <stantheman@...> wrote:

From: m_shankman <stantheman@...>
Subject: [nrd-525-535] More on ECSS . . .
To: nrd-525-535@yahoogroups.com
Date: Sunday, May 15, 2011, 4:27 PM

Gentleman,
I have been following the postings regarding ECSS with interest.
I am the fellow that has the ECSS Poll going. (Me: Stan Shankman K7SJB)
If you have not yet participated in that poll, I invite you to do so now:

http://groups.yahoo.com/group/nrd-525-535/surveys?id=2900880

It has been my intention (and admittedly, has been for some time now) to delve more deeply into this whole ECSS issue. Why do so many people regard ECSS as useless? (Including myself)
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What is not clear to me, and what I intend to find out, is whether or not my radios are defective, or simply suffering from a design flaw. To add to my curiosity; I am aware of modified radios, and am also aware that JRC themselves has issued circuit changes to the radio (although I don't believe any of these factory changes were specifically directed toward ECSS). The Kiwa mod to ECSS further raises my curiosity because, after all, if JRC had been updating the radio then why did they not choose to address customer issues regarding ECSS?
So, one day I may place the radio on the bench and dig in with appropriate test equipment and see what I can find.
I will, of course, post any results on this forum.
In the mean time, I encourage you all to participate in the poll, and to make further postings.

Sincerely,
Stan Shankman (K7SJB)

2438. Re: [nrd-525-535] More on ECSS . . .

Yahoo group: nrd-525-535
Date: 2011-05-16 01:50:48 UTC
From: Bob Betts
Topic: 2431 Message: 2438

I agree completely Brian.
And when I listen to foreign music, just like you, it's almost always some form of sync in use.
Over the past year or so I have been playing with various AM detectors; linear, full wave, hi-dynamic, fast switching, and sync. It's been an interesting exercise. The beta unit, where I've been doing all the mods, etc is in use daily.
There's a two-page description here:
http://bobsamerica.com/am-demod-1.html

Just a note about JRC and this group:
With all the over priced toys I'm guilty of having, I think my 515, 535D and 545 would be a few of the last receivers I'd ever part with.

--- On Sun, 5/15/11, Brian Denley <b.denley@...> wrote:

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Now it is true that manual ECSS can provide much of the same benefit, although my experience trying that with music has been pretty poor. In fact listening to foreign music broadcasts seems to be when I really appreciate the sync detector. As an example, when using my R-5000 (which has no sync detector), I almost never use AM.

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Bob, N1KPR

http://www.bobsamerica.com/swl.html

2440. Re: [nrd-525-535] More on ECSS . . .

Yahoo group: nrd-525-535
Date: 2011-05-16 03:32:02 UTC
From: Brian Denley
Topic: 2431 Message: 2440

Bob:
Great stuff. I have followed your preselector development with interest for some time.
BTW, one kit that I built and treasure was W8ZR's Multicoupler which is sadly no longer sold (http://www.w8zr.net/multicontroller/)
If I had one SWL accessory to keep, this might be it. I have 8 receivers running off 2 switchable antennas with zero signal loss. It cost about 2 hundred bucks to build but has far more features that the commercial multicouplers I have seen, in addition to being fun to build.

I got my ham ticket just last year (up to general now) and have been having a great time. Built an Elecraft K2 (great kit!) and bought an FT-950.
Brian
KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Bob Betts" <rwbetts@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Sunday, May 15, 2011 9:50 PM
Subject: Re: [nrd-525-535] More on ECSS . . .

I agree completely Brian.
And when I listen to foreign music, just like you, it's almost always some form of sync in use.
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Bob, N1KPR

http://www.bobsamerica.com/swl.html

2441. Re: [nrd-525-535] More on ECSS . . .

Yahoo group: nrd-525-535
Date: 2011-05-16 08:30:06 UTC
From: kkyahoo
Topic: 2431 Message: 2441

In my experience the ECSS works well on both the 535 and 545. If the standard am detector installed in the rx is any good then just flipping over to ECSS on a local AM signal is not going to make much difference to speak of. If that signal is fading or has interference on one of the sidebands then ECSS comes into its own. I also find that overmodulated AM signals on 160M benefit from the reinsertion of the carrier that happens in ECSS.

Kevin

----- Original Message -----
From: m_shankman
To: nrd-525-535@yahoogroups.com
Sent: Sunday, May 15, 2011 9:27 PM
Subject: [nrd-525-535] More on ECSS . . .

Gentleman,
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It has been my intention (and admittedly, has been for some time now) to delve more deeply into this whole ECSS issue. Why do so many people regard ECSS as useless? (Including myself)
Now, to be clear let me state that I do not believe synchronous-detection in-and-of-itself is useless, but certainly it is not performing to my expectation (or to that of many other owners). And I have had this negative opinion on both of the two JRC radio's I have had. In fact, when enabling ECSS I get no enhanced reception whatsoever. My experience with a Sony 2010 is quite the opposite and it was, in fact, my positive experience with that implementation of synchronous-detection that prompted me to purchase an NRD JRC-535D in the first place.
What is not clear to me, and what I intend to find out, is whether or not my radios are defective, or simply suffering from a design flaw. To add to my curiosity; I am aware of modified radios, and am also aware that JRC themselves has issued circuit changes to the radio (although I don't believe any of these factory changes were specifically directed toward ECSS). The Kiwa mod to ECSS further raises my curiosity because, after all, if JRC had been updating the radio then why did they not choose to address customer issues regarding ECSS?
So, one day I may place the radio on the bench and dig in with appropriate test equipment and see what I can find.
I will, of course, post any results on this forum.
In the mean time, I encourage you all to participate in the poll, and to make further postings.

Sincerely,
Stan Shankman (K7SJB)

2442. Windows 7 trouble

Yahoo group: nrd-525-535
Date: 2011-05-17 13:12:34 UTC
From: Charles
Topic: 2442 Message: 2442
Attachments: 3 described; binary payloads are missing from this source WARC

Hi friends,

I bought a new computer about 6 months ago with Windows 7 family Operating System on it. I loaded my remote applications for the NRD'S and was able to use them without any problem. Unfortunately I ran into some problems and had to restore the operating system once or twice and eventually ended up upgrading to W-7 professional Operating system. Now my remote programs will not connect between my computer and the receivers. The problem is that the remote applications were working well before using W-7, but now they will not? I installed a Virtual Hard Drive to run XP Operating System files that are not able to be used with W-7 and the remote applications will not work with XP either? Anyone know what might be happening with this?

Any suggestions or ideas will be appreciated.

Thanks

Chuck Bolland
ka4prf@...

2443. RE: [nrd-525-535] Windows 7 trouble

Yahoo group: nrd-525-535
Date: 2011-05-17 18:51:34 UTC
From: Nota Real
Topic: 2442 Message: 2443
Attachments: 3 described; binary payloads are missing from this source WARC

Hi !
In win 7, try to run your applications as "Run as Administrator", at least it helped me with Rxwings.
BR

To: nrd-525-535@yahoogroups.com; nrd-545@yahoogroups.com
From: ka4prf@...
Date: Tue, 17 May 2011 13:12:34 +0000
Subject: [nrd-525-535] Windows 7 trouble

Hi friends,

I bought a new computer about 6 months ago with Windows 7 family Operating System on it. I loaded my remote applications for the NRD'S and was able to use them without any problem. Unfortunately I ran into some problems and had to restore the operating system once or twice and eventually ended up upgrading to W-7 professional Operating system. Now my remote programs will not connect between my computer and the receivers. The problem is that the remote applications were working well before using W-7, but now they will not? I installed a Virtual Hard Drive to run XP Operating System files that are not able to be used with W-7 and the remote applications will not work with XP either? Anyone know what might be happening with this?

Any suggestions or ideas will be appreciated.

Thanks

Chuck Bolland
ka4prf@...

2444. Turning the display off via the LOCK button

Yahoo group: nrd-525-535
Date: 2011-05-18 13:30:40 UTC
From: John
Topic: 2444 Message: 2444

Hi All

I just added 12 photo files with some details about a mod that enables you to turn off your display when you press the lock button.

While the display is off you get:
Reduced RFI/EMI when the display is off.
250mA power reduction, so the power supply runs cooler.

You will find the files in the Reducing RFI mods folder.

Regards John

2445. NRD-535 Windows Software ☐ You Experience Report Requested . . .

Yahoo group: nrd-525-535
Date: 2011-05-18 22:54:25 UTC
From: m_shankman
Topic: 2445 Message: 2445

Greetings guys,
I am wondering which of you are controlling your JRC NRD-535 (or NRD 535D) Receiver with a windows computer?
Could you please report here so everyone can read . . .

1)What software are you running?
2)What operating system are you using
(or what comments regarding operating system choice can you make).
3)How do you like your software?
4)How much does you software cost?
5)What is your overall opinion of it?
6)Does it have a "waterfall display"

I am asking because I am looking for good software to hopefully give me accumulated waterfall reports on the various ham bands.
Any thoughts? Opinions? Ideas? Etc. etc. etc.

Thanks for your replies in advance,
-Stan
K7SJB

2446. Re: [nrd-525-535] NRD-535 Windows Software - You Exper ience Report Requested . . .

Yahoo group: nrd-525-535
Date: 2011-05-19 00:12:36 UTC
From: Robert E. Montgomery
Topic: 2446 Message: 2446

Hello:
I have a NRD 535d and use Shortwave log program http://www.shortwavelog.com/ The program is very large, does so much and requires lots of patience to maintain. Can't beat the price, free, totally free. Continous updates and has been around for a long time.

A little computer knowledge of great help with this one. I have little and have a heck of a time keeping it running. I run the program on XP which is not recommended but it works for me. If SS ever provides an increase I might be able to spring a newer computer.

All and all, I have used easier programs but none as complete as this one is.
Bob Montgomery

----- Original Message -----
From: m_shankman
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, May 18, 2011 6:54 PM
Subject: [nrd-525-535] NRD-535 Windows Software - You Experience Report Requested . . .

Greetings guys,
I am wondering which of you are controlling your JRC NRD-535 (or NRD 535D) Receiver with a windows computer?
Could you please report here so everyone can read . . .

1)What software are you running?
2)What operating system are you using
(or what comments regarding operating system choice can you make).
3)How do you like your software?
4)How much does you software cost?
5)What is your overall opinion of it?
6)Does it have a "waterfall display"

I am asking because I am looking for good software to hopefully give me accumulated waterfall reports on the various ham bands.
Any thoughts? Opinions? Ideas? Etc. etc. etc.

Thanks for your replies in advance,
-Stan
K7SJB

2447. Re: [nrd-525-535] NRD-535 Windows Software - You Experience Report Requested . . .

Yahoo group: nrd-525-535
Date: 2011-05-19 00:26:30 UTC
From: Bill Carney
Topic: 2446 Message: 2447

DIdn't the author of that software go off the deep end a few years ago after someone criticized him on his support message boards, and he shut down the site and basically told everyone to go to heck, only to come back a few months later? I'm uncomfortable putting all my data in a software package written by someone so volatile, free or not.

I wrote my own software to control my radio (NRD-545) a few years back, written in Visual FoxPro. Now that Microsoft killed off VFP, I'm just keeping my logs in good old Excel. I have a couple of Excel sheets that allow me to paste lists into Excel and radio tunes to the frequency in the column as I move up and down the sheet, but beyond that nothing special.

From: "Robert E. Montgomery" <rmonty23@verizon.net<mailto:rmonty23@...>>
Reply-To: "nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>"
<nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>>
Date: Wed, 18 May 2011 20:12:36 -0400
To: "nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>"
<nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>>
Subject: Re: [nrd-525-535] NRD-535 Windows Software - You Experience Report Requested . . .

Hello:
I have a NRD 535d and use Shortwave log program http://www.shortwavelog.com/ The program is very large, does so much and requires lots of patience to maintain. Can't beat the price, free, totally free. Continous updates and has been around for a long time.

A little computer knowledge of great help with this one. I have little and have a heck of a time keeping it running. I run the program on XP which is not recommended but it works for me. If SS ever provides an increase I might be able to spring a newer computer.

All and all, I have used easier programs but none as complete as this one is.
Bob Montgomery

2448. Re: [nrd-525-535] NRD-535 Windows Software - You Experience Report Requested . . .

Yahoo group: nrd-525-535
Date: 2011-05-19 02:22:17 UTC
From: Robert E. Montgomery
Topic: 2446 Message: 2448

You might be right but I am not familiar with that situation. I have always had a good relationship with the fellow, always very helpful.. I don't upgrade very often and use it on occasion. I like to use the program to load up my memorys. I have had the program crash a few times and like you, I don't want to loose my logs.
good dxing
Bob
----- Original Message -----
From: Bill Carney
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, May 18, 2011 8:26 PM
Subject: Re: [nrd-525-535] NRD-535 Windows Software - You Experience Report Requested . . .

DIdn't the author of that software go off the deep end a few years ago after someone criticized him on his support message boards, and he shut down the site and basically told everyone to go to heck, only to come back a few months later? I'm uncomfortable putting all my data in a software package written by someone so volatile, free or not.

I wrote my own software to control my radio (NRD-545) a few years back, written in Visual FoxPro. Now that Microsoft killed off VFP, I'm just keeping my logs in good old Excel. I have a couple of Excel sheets that allow me to paste lists into Excel and radio tunes to the frequency in the column as I move up and down the sheet, but beyond that nothing special.

From: "Robert E. Montgomery" <rmonty23@...>
Reply-To: "nrd-525-535@yahoogroups.com" <nrd-525-535@yahoogroups.com>
Date: Wed, 18 May 2011 20:12:36 -0400
To: "nrd-525-535@yahoogroups.com" <nrd-525-535@yahoogroups.com>
Subject: Re: [nrd-525-535] NRD-535 Windows Software - You Experience Report Requested . . .

Hello:
I have a NRD 535d and use Shortwave log program http://www.shortwavelog.com/ The program is very large, does so much and requires lots of patience to maintain. Can't beat the price, free, totally free. Continous updates and has been around for a long time.

A little computer knowledge of great help with this one. I have little and have a heck of a time keeping it running. I run the program on XP which is not recommended but it works for me. If SS ever provides an increase I might be able to spring a newer computer.

All and all, I have used easier programs but none as complete as this one is.
Bob Montgomery

2449. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2011-05-20 00:06:52 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 2449

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Reducing RFI mods/Schematic of Display saver.pdf
Uploaded by : exploreaustralia <adams@...>
Description : Here is a schematic of the display saver, lets see how long it takes other to adapt it as their own design. The design if free to use by anyone in this group.

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Reducing%20RFI%20mods/Schematic%20of%20Display%20saver.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

exploreaustralia <adams@...>

2450. Re: [nrd-525-535] Turning the display off via the LOCK button

Yahoo group: nrd-525-535
Date: 2011-05-20 10:11:37 UTC
From: poldhu1901@aol.com
Topic: 2444 Message: 2450

In a message dated 18/05/2011 14:30:44 GMT Daylight Time,
adams@... writes:

I just added 12 photo files with some details about a mod that enables you
to turn off your display when you press the lock button.

While the display is off you get:
Reduced RFI/EMI when the display is off.
250mA power reduction, so the power supply runs cooler.

You will find the files in the Reducing RFI mods folder.

Hi John

Many thanks for a great idea, but I don't understand why you need to use a
pot in your interface circuit.

The anode of the lock LED is connected to the 5v supply via a 220ohm
resistor and the cathode connected to Q7 of IC11 on the display board, a 74HC564
CMOS octal D type flip-flop.
IC11 is also fed from the 5v supply.

The LED is on when Q7 switches low, and whilst Q7 probably won't switch
fully to zero due to the level of current via the LED and resistor it should
be a significant drop from the 5v in the off condition and should be enough
to switch another CMOS logic gate via direct connection.

If you're having to use a pot I'm wondering if you're connecting perhaps to
the anode of the LED or whether it's just because you're using a non CMOS
interface device and the voltage swing at the cathode isn't enough to
switch it due to the current into the pin as mentioned above.

Because of the loading I can't be sure of the low voltage on Q7 without
measuring it but I would think it very likely that if you were to use a CMOS
schmitt inverter, such as a 40106B, then a direct connection to the LED
cathode should switch that cleanly without the pot.
At the very least using a schmitt input CMOS device should make your pot
setting much less critical.

regards

Nigel
GM8PZR

2451. Re: Turning the display off via the LOCK button

Yahoo group: nrd-525-535
Date: 2011-05-21 08:38:53 UTC
From: John
Topic: 2444 Message: 2451

Hi Nigel

Thanks for the questions.

The reason for the Pot is I needed a voltage divider. to set the threshold points correctly.

The problem using the Lock LED is, it is not actually on or off, it has a strobe clock that changes its appearance of being on or off. The duty cycle is changed and the on/off appears to happen.

I used the threshold level of the 74LS series as they have a greater 0/1 voltage differential than the Schmitt series.

I considered CMOS but went for the TTL because of their static toughness when other people want to build this. Not everyone knows about static ro how to deal with it.
The 535 has an excellent 5v supply, so TTL was the goer.

I came up with a far better circuit using some NAND TTL gates, it removed the duty cycle properly, but as this works OK , I do not see a reason to build it.

Regards John
VK2XCQ

--- In nrd-525-535@yahoogroups.com, poldhu1901@... wrote:
>
>
> In a message dated 18/05/2011 14:30:44 GMT Daylight Time,
> adams@... writes:
>
> I just added 12 photo files with some details about a mod that enables you
> to turn off your display when you press the lock button.
>
> While the display is off you get:
> Reduced RFI/EMI when the display is off.
> 250mA power reduction, so the power supply runs cooler.
>
> You will find the files in the Reducing RFI mods folder.
>
>
> ----------
> Hi John
>
> Many thanks for a great idea, but I don't understand why you need to use a
> pot in your interface circuit.
>
> The anode of the lock LED is connected to the 5v supply via a 220ohm

> resistor and the cathode connected to Q7 of IC11 on the display board, a 74HC564
> CMOS octal D type flip-flop.
> IC11 is also fed from the 5v supply.
>
> The LED is on when Q7 switches low, and whilst Q7 probably won't switch
> fully to zero due to the level of current via the LED and resistor it should
> be a significant drop from the 5v in the off condition and should be enough
> to switch another CMOS logic gate via direct connection.
>
> If you're having to use a pot I'm wondering if you're connecting perhaps to
> the anode of the LED or whether it's just because you're using a non CMOS
> interface device and the voltage swing at the cathode isn't enough to
> switch it due to the current into the pin as mentioned above.
>
> Because of the loading I can't be sure of the low voltage on Q7 without
> measuring it but I would think it very likely that if you were to use a CMOS
> schmitt inverter, such as a 40106B, then a direct connection to the LED
> cathode should switch that cleanly without the pot.
> At the very least using a schmitt input CMOS device should make your pot
> setting much less critical.
>
> regards
>
> Nigel
> GM8PZR
>

2452. new, unused NRD-535DG for sale

Yahoo group: nrd-525-535
Date: 2011-05-22 20:21:42 UTC
From: dfas_eu
Topic: 2452 Message: 2452

check out at ebay. A new, unused NRD-535DG is there for sale

http://cgi.ebay.de/ws/eBayISAPI.dll?ViewItem&item=110691351809&ssPageName=STRK:MESELX:IT

2453. Re: new, unused NRD-535DG for sale

Yahoo group: nrd-525-535
Date: 2011-05-22 22:21:31 UTC
From: John
Topic: 2452 Message: 2453

Hi

Looks really nice
BUT
It is not much use. it is for sale in Germany only.

It is like placing food out of reach of a hungry person, nothing more than a tease.

Maybe someone can convince him to open the auction to non Germany bidders.

Regards John

--- In nrd-525-535@yahoogroups.com, "dfas_eu" <dfas-eu@...> wrote:
>
> check out at ebay. A new, unused NRD-535DG is there for sale
>
> http://cgi.ebay.de/ws/eBayISAPI.dll?ViewItem&item=110691351809&ssPageName=STRK:MESELX:IT
>

2454. Re: new, unused NRD-535DG for sale

Yahoo group: nrd-525-535
Date: 2011-05-23 06:06:35 UTC
From: dfas_eu
Topic: 2452 Message: 2454

Good morning,

I did open the bids to world-wide. Also, if someone from the US is buying it I can ship the unit through "US Military postal service". This saves you all some tax and postage. Still expensive as far as postage goes, but not as much as shipping it through german mail.

Let me know it it works for you now.

Thanks

Harry

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Hi
>
> Looks really nice
> BUT
> It is not much use. it is for sale in Germany only.
>
> It is like placing food out of reach of a hungry person, nothing more than a tease.
>
> Maybe someone can convince him to open the auction to non Germany bidders.
>
> Regards John
>
>
> --- In nrd-525-535@yahoogroups.com, "dfas_eu" <dfas-eu@> wrote:
> >
> > check out at ebay. A new, unused NRD-535DG is there for sale
> >
> >
http://cgi.ebay.de/ws/eBayISAPI.dll?ViewItem&item=110691351809&ssPageName=STRK:MESELX:IT
> >
>

2455. Re: [nrd-525-535] Re: new, unused NRD-535DG for sale

Yahoo group: nrd-525-535
Date: 2011-05-23 10:14:05 UTC
From: B A
Topic: 2452 Message: 2455

John:
*
*
It's not showing up on the US eBay page as an Internationale sale/auction .. I converted 750 EUR to USD and it comes out to a little over $1,000.00 USD which is not a bad price at all if that's correct. Try to get to show on eBay US and I think you can sell it pretty quick. I resell radios and although the market is soft right now it's a good deal.
*
*
Also, list it on www.qth.com which is a great classified site for your radio. I sell a lot of stuff there.
*
*
Good luck
*
*
*Bob
*
On Mon, May 23, 2011 at 1:06 AM, dfas_eu <dfas-eu@...> wrote:

>
>
> Good morning,
>
> I did open the bids to world-wide. Also, if someone from the US is buying
> it I can ship the unit through "US Military postal service". This saves you
> all some tax and postage. Still expensive as far as postage goes, but not as
> much as shipping it through german mail.
>
> Let me know it it works for you now.
>
> Thanks
>
> Harry
>
>
> --- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
> >
> > Hi
> >
> > Looks really nice
> > BUT
> > It is not much use. it is for sale in Germany only.
> >

> > It is like placing food out of reach of a hungry person, nothing more
> than a tease.
> >
> > Maybe someone can convince him to open the auction to non Germany
> bidders.
> >
> > Regards John
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "dfas_eu" <dfas-eu@> wrote:
> > >
> > > check out at ebay. A new, unused NRD-535DG is there for sale
> > >
> > >
> http://cgi.ebay.de/ws/eBayISAPI.dll?ViewItem&item=110691351809&ssPageName=STRK:MESELX:IT
> > >
> >
>
>
>

--
Thanks !!!!,

Bob

2456. New, unused NRD-535DG for sale

Yahoo group: nrd-525-535
Date: 2011-05-23 12:40:15 UTC
From: dfas_eu
Topic: 2452 Message: 2456

Hi

ebay dropped it from the list because I did not accept PAYPAL from Europeon buyers. Had to change it. Now it is back in. You can find it unter:

http://cgi.ebay.de/ws/eBayISAPI.dll?ViewItem&item=110691772322

Auction Nr. 110691772322 - ebay Germany

Sorry for this. It is the first time I sell stuff outside of Europe.

Thanks

Harry

--- In nrd-525-535@yahoogroups.com, B A <rma0100@...> wrote:
>
> *John:*
> *
> *
> *It's not showing up on the US eBay page as an Internationale sale/auction
> .. I converted 750 EUR to USD and it comes out to a little over $1,000.00
> USD which is not a bad price at all if that's correct. Try to get to show
> on eBay US and I think you can sell it pretty quick. I resell radios and
> although the market is soft right now it's a good deal.*
> *
> *
> *Also, list it on www.qth.com which is a great classified site for your
> radio. I sell a lot of stuff there.*
> *
> *
> *Good luck*
> *
> *
> *Bob
> *
> On Mon, May 23, 2011 at 1:06 AM, dfas_eu <dfas-eu@...> wrote:
>
> > >
> > >
> > > Good morning,
> > >
> > > I did open the bids to world-wide. Also, if someone from the US is buying
> > > it I can ship the unit through "US Military postal service". This saves you
> > > all some tax and postage. Still expensive as far as postage goes, but not as
> > > much as shipping it through german mail.
> > >

> > Let me know it it works for you now.
> >
> > Thanks
> >
> > Harry
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> > >
> > > Hi
> > >
> > > Looks really nice
> > > BUT
> > > It is not much use. it is for sale in Germany only.
> > >
> > > It is like placing food out of reach of a hungry person, nothing more
> > than a tease.
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> > bidders.
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> > > Regards John
> > >
> > >
> > > --- In nrd-525-535@yahoogroups.com, "dfas_eu" <dfas-eu@> wrote:
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> > > >
> > >
http://cgi.ebay.de/ws/eBayISAPI.dll?ViewItem&item=110691351809&ssPageName=STRK:MESELX:IT
> > > >
> > >
> > >
> > >
> > >
>
>
>
> --
> Thanks !!!!,
>
> Bob
>

2457. new, unused NRD-535DG for sale (2nd try.)

Yahoo group: nrd-525-535
Date: 2011-05-23 12:45:04 UTC
From: dfas_eu
Topic: 2457 Message: 2457

Hi
sorry, the first Auction was taken out by ebay because I did not accepted PAYPAL for Euro buyers. I hate when they do that. It is the first time I am selling international and already getting sick of ebay. Should not be there concern if I exclude Euro buyers from Paypal - but I guess they just want the money from both - The auction AND Paypal.

Here is the new link for the Receiver:

http://cgi.ebay.de/ws/eBayISAPI.dll?ViewItem&item=110691772322&ssPageName=ADME:L:LCA:DE:1123

Thanks,

Harry

2458. Re: [nrd-525-535] new, unused NRD-535DG for sale (2nd try.)

Yahoo group: nrd-525-535
Date: 2011-05-23 19:22:43 UTC
From: ddsradio@juno.com
Topic: 2457 Message: 2458

Hi Harry,

Do you wish the radio to remain in auction, or do you have a "Buy It Now" price? If you are willing to ship the radio to Australia and can accept payment via Pay Pal, I'd like to know, what you think is a reasonable price for the radio. I was fortunate to buy a barely used (nearly mint condition) 535-D two years ago, for about $800 Euro. But since yours has never been used, I would be willing to pay more.

I understand your frustration with eBay and Pay Pal. My initial impressions, when I first used both a few years ago, was not positive.

Thanks,

David Sharp

---------- Original Message ----------
From: "dfas_eu" <dfas-eu@...>
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] new, unused NRD-535DG for sale (2nd try.)
Date: Mon, 23 May 2011 12:45:04 -0000

Hi
sorry, the first Auction was taken out by ebay because I did not accepted PAYPAL for Euro buyers. I hate when they do that. It is the first time I am selling international and already getting sick of ebay. Should not be there concern if I exclude Euro buyers from Paypal - but I guess they just want the money from both - The auction AND Paypal.

Here is the new link for the Receiver:

http://cgi.ebay.de/ws/eBayISAPI.dll?ViewItem&item=110691772322&ssPageName=ADME:L:LCA:DE:1123

Thanks,

Harry

Yahoo! Groups Links

Penny Stock Jumping 3000%
Sign up to the #1 voted penny stock newsletter for free today!
http://thirdpartyoffers.juno.com/TGL3131/4ddab445bb5d6bc112st02vuc

2459. Re: [nrd-525-535] new, unused NRD-535DG for sale (2nd try.)

Yahoo group: nrd-525-535
Date: 2011-05-23 21:14:09 UTC
From: B A
Topic: 2457 Message: 2459

eBay and Pay Pal had their difficulties and their customers did too. A TV show/documentary revealed all of their misgivings about 2 years ago. There was public outrage and eBay's reputation as well as Pay Pal''s suffered to quite a degree.
*
*
Scams and frauds were rampant. I lost money. The TV documentary resulted in both their efforts to straighten out their act...and they did. They have all these rules and regulations for a reason; To protect the sellers and buyers. One of the things they did was to STOP revealing the identities of bidders. That stopped the second chance scams. A lot of the scams initiated from outside the US so law enforcement was powerless.
*
*
Things are a lot better now.
*
*
*His price for this radio is pretty good and I'm sure he will sell it.
*
On Mon, May 23, 2011 at 2:22 PM, ddsradio@... <ddsradio@...>wrote:

> Hi Harry,
>
> Do you wish the radio to remain in auction, or do you have a "Buy It Now"
> price? If you are willing to ship the radio to Australia and can accept
> payment via Pay Pal, I'd like to know, what you think is a reasonable price
> for the radio. I was fortunate to buy a barely used (nearly mint condition)
> 535-D two years ago, for about $800 Euro. But since yours has never been
> used, I would be willing to pay more.
>
> I understand your frustration with eBay and Pay Pal. My initial
> impressions, when I first used both a few years ago, was not positive.
>
> Thanks,
>
> David Sharp
>
> ---------- Original Message ----------
> From: "dfas_eu" <dfas-eu@...>
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] new, unused NRD-535DG for sale (2nd try.)
> Date: Mon, 23 May 2011 12:45:04 -0000
>
> Hi
> sorry, the first Auction was taken out by ebay because I did not accepted

> PAYPAL for Euro buyers. I hate when they do that. It is the first time I am
> selling international and already getting sick of ebay. Should not be there
> concern if I exclude Euro buyers from Paypal - but I guess they just want
> the money from both - The auction AND Paypal.
>
> Here is the new link for the Receiver:
>
>
> http://cgi.ebay.de/ws/eBayISAPI.dll?ViewItem&item=110691772322&ssPageName=ADME:L:LCA:DE:
1123
>
> Thanks,
>
> Harry
>
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> Yahoo! Groups Links
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> ~~~~~~
> Penny Stock Jumping 3000%
> Sign up to the #1 voted penny stock newsletter for free today!
> http://thirdpartyoffers.juno.com/TGL3131/4ddab445bb5d6bc112st02vuc
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>
> Yahoo! Groups Links
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>

--
Thanks !!!!,

Bob

2460. Re: new, unused NRD-535DG for sale (2nd try.)

Yahoo group: nrd-525-535
Date: 2011-05-23 22:36:43 UTC
From: dfas_eu
Topic: 2457 Message: 2460

Well, my problem was that I did not include the European buyers into the offer to accept paypal. I just wanted to have everyone outside Europe to have a chance to pay without problems. Payment within Europe is very easy and free of charge - as long you not using Paypal. No problem, I fixed it and it looks like they are happy now.

I got lots of offers for the NRD already and I am willing to end the auction if the price is right. So, if someone like to make an offer - just send me an email with your offer. One offer came from Saudi Arabia for 2000 Euro, but I do not want to send to the middle east due to bad experience. Money is not everything.

my email is: dfas-eu@freenet.de

If someone needs more pictures - let me know.

Thanks

--- In nrd-525-535@yahoogroups.com, B A <rma0100@...> wrote:
>
> *eBay and Pay Pal had their difficulties and their customers did too. A TV
> show/documentary revealed all of their misgivings about 2 years ago.
> There was public outrage and eBay's reputation as well as Pay Pal''s
> suffered to quite a degree.*
> *
> *
> *Scams and frauds were rampant. I lost money. The TV documentary resulted
> in both their efforts to straighten out their act...and they did. They have
> all these rules and regulations for a reason; To protect the sellers and
> buyers. One of the things they did was to STOP revealing the identities of
> bidders. That stopped the second chance scams. A lot of the scams
> initiated from outside the US so law enforcement was powerless.*
> *
> *
> *Things are a lot better now.*
> *
> *
> *His price for this radio is pretty good and I'm sure he will sell it.
> *
> On Mon, May 23, 2011 at 2:22 PM, ddsradio@... <ddsradio@...>wrote:
>
> > Hi Harry,
> >
> > Do you wish the radio to remain in auction, or do you have a "Buy It Now"
> > price? If you are willing to ship the radio to Australia and can accept
> > payment via Pay Pal, I'd like to know, what you think is a reasonable price
> > for the radio. I was fortunate to buy a barely used (nearly mint condition)
> > 535-D two years ago, for about $800 Euro. But since yours has never been

> > used, I would be willing to pay more.
> >
> > I understand your frustration with eBay and Pay Pal. My initial
> > impressions, when I first used both a few years ago, was not positive.
> >
> > Thanks,
> >
> > David Sharp
> >
> > ---------- Original Message ----------
> > From: "dfas_eu" <dfas-eu@...>
> > To: nrd-525-535@yahoogroups.com
> > Subject: [nrd-525-535] new, unused NRD-535DG for sale (2nd try.)
> > Date: Mon, 23 May 2011 12:45:04 -0000
> >
> > Hi
> > sorry, the first Auction was taken out by ebay because I did not accepted
> > PAYPAL for Euro buyers. I hate when they do that. It is the first time I am
> > selling international and already getting sick of ebay. Should not be there
> > concern if I exclude Euro buyers from Paypal - but I guess they just want
> > the money from both - The auction AND Paypal.
> >
> > Here is the new link for the Receiver:
> >
> >
> > http://cgi.ebay.de/ws/eBayISAPI.dll?ViewItem&item=110691772322&ssPageName=ADME:L:LCA:D
E:1123
> >
> > Thanks,
> >
> > Harry
> >
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> > Yahoo! Groups Links
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> > ____
> > Penny Stock Jumping 3000%
> > Sign up to the #1 voted penny stock newsletter for free today!
> > http://thirdpartyoffers.juno.com/TGL3131/4ddab445bb5d6bc112st02vuc
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> > ------------------------------------

> >
> > Yahoo! Groups Links
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> >
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>
>
> --
> Thanks !!!!,
>
> Bob
>

2461. Re: new, unused NRD-535DG for sale (2nd try.)

Yahoo group: nrd-525-535
Date: 2011-05-23 23:26:24 UTC
From: John
Topic: 2457 Message: 2461

Hi All

What is the difference between a 535D and a 535DG ?

Regards John

--- In nrd-525-535@yahoogroups.com, "dfas_eu" <dfas-eu@...> wrote:
>
> Well, my problem was that I did not include the European buyers into the offer to accept paypal. I just wanted to have everyone outside Europe to have a chance to pay without problems. Payment within Europe is very easy and free of charge - as long you not using Paypal. No problem, I fixed it and it looks like they are happy now.
>
> I got lots of offers for the NRD already and I am willing to end the auction if the price is right. So, if someone like to make an offer - just send me an email with your offer. One offer came from Saudi Arabia for 2000 Euro, but I do not want to send to the middle east due to bad experience. Money is not everything.
>
> my email is: dfas-eu@...
>
> If someone needs more pictures - let me know.
>
> Thanks
>
>
>
> --- In nrd-525-535@yahoogroups.com, B A <rma0100@> wrote:
> >
> > *eBay and Pay Pal had their difficulties and their customers did too. A TV
> > show/documentary revealed all of their misgivings about 2 years ago.
> > There was public outrage and eBay's reputation as well as Pay Pal''s
> > suffered to quite a degree.*
> > *
> > *
> > *Scams and frauds were rampant. I lost money. The TV documentary resulted
> > in both their efforts to straighten out their act...and they did. They have
> > all these rules and regulations for a reason; To protect the sellers and
> > buyers. One of the things they did was to STOP revealing the identities of
> > bidders. That stopped the second chance scams. A lot of the scams
> > initiated from outside the US so law enforcement was powerless.*
> > *
> > *
> > *Things are a lot better now.*
> > *
> > *
> > *His price for this radio is pretty good and I'm sure he will sell it.

> > *
> > On Mon, May 23, 2011 at 2:22 PM, ddsradio@ <ddsradio@>wrote:
> >
> > > Hi Harry,
> > >
> > > Do you wish the radio to remain in auction, or do you have a "Buy It Now"
> > > price? If you are willing to ship the radio to Australia and can accept
> > > payment via Pay Pal, I'd like to know, what you think is a reasonable price
> > > for the radio. I was fortunate to buy a barely used (nearly mint condition)
> > > 535-D two years ago, for about $800 Euro. But since yours has never been
> > > used, I would be willing to pay more.
> > >
> > > I understand your frustration with eBay and Pay Pal. My initial
> > > impressions, when I first used both a few years ago, was not positive.
> > >
> > > Thanks,
> > >
> > > David Sharp
> > >
> > > ---------- Original Message ----------
> > > From: "dfas_eu" <dfas-eu@>
> > > To: nrd-525-535@yahoogroups.com
> > > Subject: [nrd-525-535] new, unused NRD-535DG for sale (2nd try.)
> > > Date: Mon, 23 May 2011 12:45:04 -0000
> > >
> > > Hi
> > > sorry, the first Auction was taken out by ebay because I did not accepted
> > > PAYPAL for Euro buyers. I hate when they do that. It is the first time I am
> > > selling international and already getting sick of ebay. Should not be there
> > > concern if I exclude Euro buyers from Paypal - but I guess they just want
> > > the money from both - The auction AND Paypal.
> > >
> > > Here is the new link for the Receiver:
> > >
> > >
> > > http://cgi.ebay.de/ws/eBayISAPI.dll?ViewItem&item=110691772322&ssPageName=ADME:L:LCA
:DE:1123
> > >
> > > Thanks,
> > >
> > > Harry
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> > > Yahoo! Groups Links
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> > > Penny Stock Jumping 3000%
> > > Sign up to the #1 voted penny stock newsletter for free today!
> > > http://thirdpartyoffers.juno.com/TGL3131/4ddab445bb5d6bc112st02vuc
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
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> >
> > --
> > Thanks !!!!,
> >
> > Bob
> >
>

2462. Re: [nrd-525-535] Re: new, unused NRD-535DG for sale (2nd try.)

Yahoo group: nrd-525-535
Date: 2011-05-24 00:08:30 UTC
From: poldhu1901@aol.com
Topic: 2457 Message: 2462

In a message dated 24/05/2011 00:26:27 GMT Daylight Time,
adams@... writes:

What is the difference between a 535D and a 535DG ?

Hi John

G was the suffix JRC used to indicate models made for the European market,
so a basic 535 was a 535G over here, but I'm not aware of any actual
differences.

Thanks for the explanation re your display switching mod, I'd taken a
quick look at the circuit and just assumed the flip flop was strobed but with
the output latched to either full on or full off.
My 535 has been sitting in its box since I moved a few years ago and I'd
forgotten about the dimmer function.
Which, if nothing else, reminds me how long it is since I've used it:-(

It's an interesting problem, I'm still inclined to think it should be
possible to avoid the need for the pot, but would need to put a 'scope on it to
be sure.....so yet another reason to get it unboxed again:-)

Regards

Nigel
GM8PZR

2463. Re: Turning the display off via the LOCK button

Yahoo group: nrd-525-535
Date: 2011-05-24 02:07:07 UTC
From: John
Topic: 2444 Message: 2463

HI All

FYI

Go to files area, then into "reducing rfi mods"

I placed the oscilloscope photos of the LED on and OFF states.

It is fairly easy to remove the clock pulses with some simple circuitry logic, but the voltage divider works well enough.

LEDs are usually given a duty cycle so they do not get hot, they use a lot less power and it extends their life span by decades.

Regards John
VK2XCQ

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Hi Nigel
>
> Thanks for the questions.
>
> The reason for the Pot is I needed a voltage divider. to set the threshold points correctly.
>
> The problem using the Lock LED is, it is not actually on or off, it has a strobe clock that changes its appearance of being on or off. The duty cycle is changed and the on/off appears to happen.
>
> I used the threshold level of the 74LS series as they have a greater 0/1 voltage differential than the Schmitt series.
>
> I considered CMOS but went for the TTL because of their static toughness when other people want to build this. Not everyone knows about static ro how to deal with it.
> The 535 has an excellent 5v supply, so TTL was the goer.
>
> I came up with a far better circuit using some NAND TTL gates, it removed the duty cycle properly, but as this works OK , I do not see a reason to build it.
>
> Regards John
> VK2XCQ
>
>
>
> --- In nrd-525-535@yahoogroups.com, poldhu1901@ wrote:
> >

> >
> > In a message dated 18/05/2011 14:30:44 GMT Daylight Time,
> > adams@ writes:
> >
> > I just added 12 photo files with some details about a mod that enables you
> > to turn off your display when you press the lock button.
> >
> > While the display is off you get:
> > Reduced RFI/EMI when the display is off.
> > 250mA power reduction, so the power supply runs cooler.
> >
> > You will find the files in the Reducing RFI mods folder.
> >
> >
> > ----------
> > Hi John
> >
> > Many thanks for a great idea, but I don't understand why you need to use a
> > pot in your interface circuit.
> >
> > The anode of the lock LED is connected to the 5v supply via a 220ohm
> > resistor and the cathode connected to Q7 of IC11 on the display board, a 74HC564
> > CMOS octal D type flip-flop.
> > IC11 is also fed from the 5v supply.
> >
> > The LED is on when Q7 switches low, and whilst Q7 probably won't switch
> > fully to zero due to the level of current via the LED and resistor it should
> > be a significant drop from the 5v in the off condition and should be enough
> > to switch another CMOS logic gate via direct connection.
> >
> > If you're having to use a pot I'm wondering if you're connecting perhaps to
> > the anode of the LED or whether it's just because you're using a non CMOS
> > interface device and the voltage swing at the cathode isn't enough to
> > switch it due to the current into the pin as mentioned above.
> >
> > Because of the loading I can't be sure of the low voltage on Q7 without
> > measuring it but I would think it very likely that if you were to use a CMOS
> > schmitt inverter, such as a 40106B, then a direct connection to the LED
> > cathode should switch that cleanly without the pot.
> > At the very least using a schmitt input CMOS device should make your pot
> > setting much less critical.
> >
> > regards
> >
> > Nigel
> > GM8PZR
> >
>

2465. Re: NRD-535 Windows Software - You Experience Report Requested . . .

Yahoo group: nrd-525-535
Date: 2011-05-24 06:15:07 UTC
From: dfas_eu
Topic: 2446 Message: 2465

Is there any other Software available for the NRD-535 or NRD-545? Has someone a list what software could be used?

--- In nrd-525-535@...m, "Robert E. Montgomery" <rmonty23@...> wrote:
>
> You might be right but I am not familiar with that situation. I have always had a good relationship with the fellow, always very helpful.. I don't upgrade very often and use it on occasion. I like to use the program to load up my memorys. I have had the program crash a few times and like you, I don't want to loose my logs.
> good dxing
> Bob

2466. Re: [nrd-525-535] Re: Turning the display off via the LOCK button

Yahoo group: nrd-525-535
Date: 2011-05-24 07:20:49 UTC
From: poldhu1901@aol.com
Topic: 2444 Message: 2466

In a message dated 24/05/2011 03:07:20 GMT Daylight Time,
adams@... writes

LEDs are usually given a duty cycle so they do not get hot, they use a lot
less power and it extends their life span by decades.

Now that I don't understand.

DC current driven LEDs won't be getting hot in a properly designed circuit
and aside from random failure should outlive the equipment they're used in
anyway.

I would have thought a much more likely reason would be for situations just
like that found in the 535, ie to facilitate dimming, since the LED
characteristics don't generally allow for dimming in a DC driven circuit.

regards

Nigel
GM8PZR

2467. Re: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .

Yahoo group: nrd-525-535
Date: 2011-05-24 15:10:13 UTC
From: Robert E. Montgomery
Topic: 2446 Message: 2467

Yes, there is another called HRD http://www.ham-radio-deluxe.com/ I tried it but really did not like the program. It works but more geared to the ham radio operator and not a dxer like myself. But it does work well.
bob
----- Original Message -----
From: dfas_eu
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, May 24, 2011 2:15 AM
Subject: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .

Is there any other Software available for the NRD-535 or NRD-545? Has someone a list what software could be used?

--- In nrd-525-535@yahoogroups.com, "Robert E. Montgomery" <rmonty23@...> wrote:
>
> You might be right but I am not familiar with that situation. I have always had a good relationship with the fellow, always very helpful.. I don't upgrade very often and use it on occasion. I like to use the program to load up my memorys. I have had the program crash a few times and like you, I don't want to loose my logs.
> good dxing
> Bob

2468. Re: [nrd-525-535] 2 Newbie questions (Reference Oscillator and Foam Strip)

Yahoo group: nrd-525-535
Date: 2011-05-24 15:15:24 UTC
From: Robert E. Montgomery
Topic: 2464 Message: 2468

If you do not know what a zero beat note is, you might want to leave the cover on the receiver and not mess with it. You need to start from the basics and become familiar with the receiver before taking it apart. That is a most excellent receiver and can be damaged if you are not familiar with its operation.

As I recall the foam strips are to keep the pc boards from bouncing around. I am not sure if they are to be removed or not as I bought my 535d about 10 years ago. I forget.
Bob
----- Original Message -----
From: Roth Ritter
To: nrd-525-535@yahoogroups.com
Sent: Monday, May 23, 2011 11:04 PM
Subject: [nrd-525-535] 2 Newbie questions (Reference Oscillator and Foam Strip)

Hi all, I have a question regarding the procedure in the manual "6.1.2 REFERENCE OSCILLATOR FREQUENCY ADJUSTMENT"... A) what exactly is this for and B) what does it mean in step 4 by "...until no beat note is heard" ? I'm not sure I know what a beat note is, listening to WWV.

Secondly, in looking under the hood of my 535D, I have a 1" wide white strip of dense foam going across the tops of the cards (width of the inside). Did I read this is for transport only and should be removed for operation?

Thanks for the info guys -

- Roth

2470. Re: [nrd-525-535] 2 Newbie questions (Reference Oscillator and Foam Strip)

Yahoo group: nrd-525-535
Date: 2011-05-24 22:57:37 UTC
From: Charles
Topic: 2464 Message: 2470
Attachments: 3 described; binary payloads are missing from this source WARC

As you tune the carrier it changes pitch, from a high pitch to a bassy pitch
This continues
Until the carrier disappears. That is the spot called "beat frequency". It
is the easiest way to find the exact frequency of the signal. Usually one
listens with the mode switch in the "AM" position and he doesn't hear the
carrier as he tunes. Get yourself a Amatuer Radio Handbook from Amazon.

Chuck

-------Original Message-------

From: Roth Ritter
Date: 5/24/2011 08:29:37
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] 2 Newbie questions (Reference Oscillator and Foam
Strip)

Well if that info is too coveted to share, a pointer in the right direction
would be appreciated. I doubt I'm the only one on this list who might like
to know.

-R

On May 24, 2011, at 9:15 AM, Robert E. Montgomery wrote:

If you do not know what a zero beat note is, you might want to leave the
cover on the receiver and not mess with it. You need to start from the
basics and become familiar with the receiver before taking it apart. That
is a most excellent receiver and can be damaged if you are not familiar with
its operation.

As I recall the foam strips are to keep the pc boards from bouncing around.
I am not sure if they are to be removed or not as I bought my 535d about 10
years ago. I forget.
Bob

2471. Re: [nrd-525-535] 2 Newbie questions (Reference Oscillator and Foam Strip)

Yahoo group: nrd-525-535
Date: 2011-05-24 16:03:20 UTC
From: B A
Topic: 2464 Message: 2471

The reference oscillator in many devices, not just the NRD is an oscillator that is used to beat against another frequency to obtain a proper IF frequency. When the receiver is tuned to WWV, let's say 10.000000 Mhz on SSB you should hear no tone in the background when the receiver is exactly tuned to `10.00000 Mhz. That means that the particular IF stage is set exactly to the proper frequency in accordance with the spec. Look up superhetrodyne receivers in WIKI for more information.
*
*
The superhetdrodyne process is a standard design which uses the frequency beating process to achieve specific Intermediate frequencies (IF). When you mix one frequency with another a third frequency is derived, typically referred to as the IF frequency. This is the hetrodyne process. IF frequencies are used to pass all the modulated information on the original carrier through the receiver at significantly lower frequencies. Then the carrier is stripped off leaving only the audible information which is then sent through the audio stages and out to the speaker.
*
*
*Many many RF devices use a reference oscillator as a building block for the RF stages. When a reference oscillator frequency is wrong, the IF is wrong and this results in tuning errors. You won't be on the frequency your dial indicates, exactly. If WWV is nulled properly, leave it alone.
*
On Mon, May 23, 2011 at 10:04 PM, Roth Ritter <orbital@rothritter.com>wrote:

>
>
> Hi all, I have a question regarding the procedure in the manual "6.1.2
> REFERENCE OSCILLATOR FREQUENCY ADJUSTMENT"... A) what exactly is this for
> and B) what does it mean in step 4 by "...until no beat note is heard" ? I'm
> not sure I know what a beat note is, listening to WWV.
>
> Secondly, in looking under the hood of my 535D, I have a 1" wide white
> strip of dense foam going across the tops of the cards (width of the
> inside). Did I read this is for transport only and should be removed for
> operation?
>
> Thanks for the info guys -
>
> - Roth
>
>
>

--
Thanks !!!!,

Bob

2472. Re: [nrd-525-535] 2 Newbie questions (Reference Oscillator and Foam Strip)

Yahoo group: nrd-525-535
Date: 2011-05-24 16:12:35 UTC
From: kkyahoo
Topic: 2464 Message: 2472

Roth, my packing strip is still in there!

Zero beat is where you get the tone to go to zero hertz when you tune your receiver in SSB mode to dead on the exact frequency of the signal that you are receiving. Tune into WWV or a nice strong am broadcast signal, switch to SSB and tune through the signal. As you approach the signal from above or below its frequency you will hear a high pitched tone that goes lower as you get closer to the signal. The frequency of the audio beat tone that you hear is the difference between your 535's frequency and that of the signal you are tuning to. On-frequency equals zero difference, equals zero beat.

This all supposes that your reference oscillator is on frequency, most likely it will be a little bit out. Also it supposes that the frequency of your SSB mode is where the carrier should be. (User option 8 is set to 1). After warmup, tune to WWV on 10 Megs in SSB mode with a wide rx filter bandwidth, adjust the ref oscillator till you get zero beat from the speaker. Your rx is now on the correct frequency.

I prefer to adjust the ref osc using a counter locked to a frequency standard.

Kevin
----- Original Message -----
From: Roth Ritter
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, May 24, 2011 4:29 PM
Subject: Re: [nrd-525-535] 2 Newbie questions (Reference Oscillator and Foam Strip)

Well if that info is too coveted to share, a pointer in the right direction would be appreciated. I doubt I'm the only one on this list who might like to know.

-R

On May 24, 2011, at 9:15 AM, Robert E. Montgomery wrote:

If you do not know what a zero beat note is, you might want to leave the cover on the receiver and not mess with it. You need to start from the basics and become familiar with the receiver before taking it apart. That is a most excellent receiver and can be damaged if you are not familiar with its operation.

As I recall the foam strips are to keep the pc boards from bouncing around. I am not sure if they are to be removed or not as I bought my 535d about 10 years ago. I forget.
Bob

2475. Re: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .

Yahoo group: nrd-525-535
Date: 2011-05-24 17:38:14 UTC
From: Charles W. Hinkle
Topic: 2446 Message: 2475

HRD does not support NRD receivers.

73 Charlie W8CFO
----- Original Message -----
From: Robert E. Montgomery
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, May 24, 2011 11:10 AM
Subject: Re: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .

Yes, there is another called HRD http://www.ham-radio-deluxe.com/ I tried it but really did not like the program. It works but more geared to the ham radio operator and not a dxer like myself. But it does work well.
bob
----- Original Message -----
From: dfas_eu
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, May 24, 2011 2:15 AM
Subject: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .

Is there any other Software available for the NRD-535 or NRD-545? Has someone a list what software could be used?

--- In nrd-525-535@yahoogroups.com, "Robert E. Montgomery" <rmonty23@...> wrote:
>
> You might be right but I am not familiar with that situation. I have always had a good relationship with the fellow, always very helpful.. I don't upgrade very often and use it on occasion. I like to use the program to load up my memorys. I have had the program crash a few times and like you, I don't want to loose my logs.
> good dxing
> Bob

2476. Re: NRD-535 Windows Software - You Experience Report Requested . . .

Yahoo group: nrd-525-535
Date: 2011-05-25 13:06:40 UTC
From: dfas_eu
Topic: 2446 Message: 2476

I was reading somewhere, I believe it was in a HRD Forum, that they did work on a solution to have the NRD-535 hooked up with the software. A prototype of the software was handed over to the guy asking for it, but due to lack of hardware support they dropped the project again. I was willing to send my 535 and 545 down to them - but have not heard back from them yet. It would be great if we could have some software like HRD.

--- In nrd-525-535@yahoogroups.com, "Charles W. Hinkle" <w8cfo@...> wrote:
>
> HRD does not support NRD receivers.
>
> 73 Charlie W8CFO
> ----- Original Message -----
> From: Robert E. Montgomery
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, May 24, 2011 11:10 AM
> Subject: Re: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .
>
>
>
>
> Yes, there is another called HRD http://www.ham-radio-deluxe.com/ I tried it but really did not like the program. It works but more geared to the ham radio operator and not a dxer like myself. But it does work well.
> bob
> ----- Original Message -----
> From: dfas_eu
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, May 24, 2011 2:15 AM
> Subject: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .
>
>
>
>
> Is there any other Software available for the NRD-535 or NRD-545? Has someone a list what software could be used?
>
> --- In nrd-525-535@yahoogroups.com, "Robert E. Montgomery" <rmonty23@> wrote:
> >
> > You might be right but I am not familiar with that situation. I have always had a good relationship with the fellow, always very helpful.. I don't upgrade very often and use it on occasion. I like to use the program to load up my memorys. I have had the program crash a few times and like you, I don't want to loose my logs.
> > good dxing
> > Bob

>

2478. Re: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .

Yahoo group: nrd-525-535
Date: 2011-05-25 23:41:47 UTC
From: Robert E. Montgomery
Topic: 2446 Message: 2478

I have a copy of the HRD program that does run the NRD 535d. It has a few bugs but it does run. Occasional crashes. Not very reliable. I am wondering if there is such a low request for such software that no one wants to bother with it. Reason I say this is because Shortwave Log has not looked at the JRC drivers in sometime and apparently has dropped a few bits here and there and some of the functions not working. He does not have access tp jrc receivers and apparently I was the only one that mentioned a problem.

Lets face it, the radio is getting old and there are so many other receivers out there. If anyone was watching here there where a couple of totally unused NRD535d receivers as if used, the buttons show wear and make the radio look unfavorable. I don't think I could sell mine as I have used it for so long all of the digits have warn off the key board. No matter, I have always enjoyed using the receiver after I had several mods done to it.
Bob

----- Original Message -----
From: dfas_eu
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, May 25, 2011 9:06 AM
Subject: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .

I was reading somewhere, I believe it was in a HRD Forum, that they did work on a solution to have the NRD-535 hooked up with the software. A prototype of the software was handed over to the guy asking for it, but due to lack of hardware support they dropped the project again. I was willing to send my 535 and 545 down to them - but have not heard back from them yet. It would be great if we could have some software like HRD.

--- In nrd-525-535@yahoogroups.com, "Charles W. Hinkle" <w8cfo@...> wrote:
>
> HRD does not support NRD receivers.
>
> 73 Charlie W8CFO
> ----- Original Message -----
> From: Robert E. Montgomery
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, May 24, 2011 11:10 AM
> Subject: Re: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .
>
>
>
>
> Yes, there is another called HRD http://www.ham-radio-deluxe.com/ I tried it but really did not like the program. It works but more geared to the ham radio operator and not a dxer like myself. But it does work well.
> bob

> ----- Original Message -----
> From: dfas_eu
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, May 24, 2011 2:15 AM
> Subject: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . .
.
>
>
>
> Is there any other Software available for the NRD-535 or NRD-545? Has someone a list what software could be used?
>
> --- In nrd-525-535@yahoogroups.com, "Robert E. Montgomery" <rmonty23@> wrote:
> >
> > You might be right but I am not familiar with that situation. I have always had a good relationship with the fellow, always very helpful.. I don't upgrade very often and use it on occasion. I like to use the program to load up my memorys. I have had the program crash a few times and like you, I don't want to loose my logs.
> > good dxing
> > Bob
>

2479. Re: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .

Yahoo group: nrd-525-535
Date: 2011-05-25 23:43:28 UTC
From: Robert E. Montgomery
Topic: 2446 Message: 2479

The copy of NRD I have is not really mine to distribute so I would have to guess it can not be posted on the files section, correct?
Bob
----- Original Message -----
From: dfas_eu
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, May 25, 2011 9:06 AM
Subject: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .

I was reading somewhere, I believe it was in a HRD Forum, that they did work on a solution to have the NRD-535 hooked up with the software. A prototype of the software was handed over to the guy asking for it, but due to lack of hardware support they dropped the project again. I was willing to send my 535 and 545 down to them - but have not heard back from them yet. It would be great if we could have some software like HRD.

--- In nrd-525-535@yahoogroups.com, "Charles W. Hinkle" <w8cfo@...> wrote:
>
> HRD does not support NRD receivers.
>
> 73 Charlie W8CFO
> ----- Original Message -----
> From: Robert E. Montgomery
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, May 24, 2011 11:10 AM
> Subject: Re: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .
>
>
>
>
> Yes, there is another called HRD http://www.ham-radio-deluxe.com/ I tried it but really did not like the program. It works but more geared to the ham radio operator and not a dxer like myself. But it does work well.
> bob
> ----- Original Message -----
> From: dfas_eu
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, May 24, 2011 2:15 AM
> Subject: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .
>
>
>
>
> Is there any other Software available for the NRD-535 or NRD-545? Has someone a list what

software could be used?
>
> --- In nrd-525-535@yahoogroups.com, "Robert E. Montgomery" <rmonty23@> wrote:
> >
> > You might be right but I am not familiar with that situation. I have always had a good relationship with the fellow, always very helpful.. I don't upgrade very often and use it on occasion. I like to use the program to load up my memorys. I have had the program crash a few times and like you, I don't want to loose my logs.
> > good dxing
> > Bob
>

2480. Re: NRD-535 Windows Software - You Experience Report Requested . . .

Yahoo group: nrd-525-535
Date: 2011-05-26 13:10:47 UTC
From: dfas_eu
Topic: 2446 Message: 2480

Hi Bob,

you should be able to post it since the software itself is free of charge. If this gets a little attention to Simon that there are people out there want it that would be great. Like I said .. I am willing to send him my NRD 535 and 545 for testing purposes. Offered him that before but did not hear back from Simon since his mother just died and he has all kinds of "other things in mind" right now.

If you could send me a copy to my email address, that would be great too.

harry.stuber1@...

... but posting it here would be easier for all. It was public one day - I just did not bother downloading it. Now ....

Thanks

Harry

--- In nrd-525-535@yahoogroups.com, "Robert E. Montgomery" <rmonty23@...> wrote:
>
> The copy of NRD I have is not really mine to distribute so I would have to guess it can not be posted on the files section, correct?
> Bob
> ----- Original Message -----
> From: dfas_eu
> To: nrd-525-535@yahoogroups.com
> Sent: Wednesday, May 25, 2011 9:06 AM
> Subject: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .
>
>
>
> I was reading somewhere, I believe it was in a HRD Forum, that they did work on a solution to have the NRD-535 hooked up with the software. A prototype of the software was handed over to the guy asking for it, but due to lack of hardware support they dropped the project again. I was willing to send my 535 and 545 down to them - but have not heard back from them yet. It would be great if we could have some software like HRD.
>
> --- In nrd-525-535@yahoogroups.com, "Charles W. Hinkle" <w8cfo@> wrote:
> >
> > HRD does not support NRD receivers.
> >
> > 73 Charlie W8CFO
> > ----- Original Message -----
> > From: Robert E. Montgomery
> > To: nrd-525-535@yahoogroups.com

> > Sent: Tuesday, May 24, 2011 11:10 AM
> > Subject: Re: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .
> >
> >
> >
> >
> > Yes, there is another called HRD http://www.ham-radio-deluxe.com/ I tried it but really did not like the program. It works but more geared to the ham radio operator and not a dxer like myself. But it does work well.
> > bob
> > ----- Original Message -----
> > From: dfas_eu
> > To: nrd-525-535@yahoogroups.com
> > Sent: Tuesday, May 24, 2011 2:15 AM
> > Subject: [nrd-525-535] Re: NRD-535 Windows Software - You Experience Report Requested . . .
> >
> >
> >
> > Is there any other Software available for the NRD-535 or NRD-545? Has someone a list what software could be used?
> >
> > --- In nrd-525-535@yahoogroups.com, "Robert E. Montgomery" <rmonty23@> wrote:
> > >
> > > You might be right but I am not familiar with that situation. I have always had a good relationship with the fellow, always very helpful.. I don't upgrade very often and use it on occasion. I like to use the program to load up my memorys. I have had the program crash a few times and like you, I don't want to loose my logs.
> > > good dxing
> > > Bob
> >
>

2481. Re: new, unused NRD-535DG for sale (2nd try.)

Yahoo group: nrd-525-535
Date: 2011-05-27 10:07:00 UTC
From: John
Topic: 2457 Message: 2481

Hi All

According to the owner there is 219 people watching the auction and he has received 82 emails about selling it.
Considering he is a low count 8bayer that has not used his account for sometime and can not provide a photo of it working displaying a selected frequency.

Only 3 weeks ago I nearly had a fraud happen to me regarding a 535D in Canada but when he could not provide a photo of a frequency I selected, I phoned him only to find the poor sole had his identity stolen and he did not even own a JRC receiver.

I do not think people are considering the risk properly, it is already at 1100 euros and it has days to go.

I thought I would let you know what nearly happened to me.
I am not suggesting that this is not for real but please be careful.

I am one of the 82 that have emailed him for more information.

This is an exciting auction.

Regards John

--- In nrd-525-535@yahoogroups.com, poldhu1901@... wrote:
>
> In a message dated 24/05/2011 00:26:27 GMT Daylight Time,
> adams@... writes:
>
> What is the difference between a 535D and a 535DG ?
> -------------
> Hi John
>
>
> G was the suffix JRC used to indicate models made for the European market,
> so a basic 535 was a 535G over here, but I'm not aware of any actual
> differences.
>
> Thanks for the explanation re your display switching mod, I'd taken a
> quick look at the circuit and just assumed the flip flop was strobed but with
> the output latched to either full on or full off.
> My 535 has been sitting in its box since I moved a few years ago and I'd
> forgotten about the dimmer function.
> Which, if nothing else, reminds me how long it is since I've used it:-(
>
> It's an interesting problem, I'm still inclined to think it should be
> possible to avoid the need for the pot, but would need to put a 'scope on it to
> be sure.......so yet another reason to get it unboxed again:-)

>
> Regards
>
> Nigel
> GM8PZR
>

2483. Re: Turning the display off via the LOCK button

Yahoo group: nrd-525-535
Date: 2011-05-28 12:38:39 UTC
From: John
Topic: 2444 Message: 2483

Hi All

There is a flaw in my circuit.
I did not know that a solid state relay has the ability to partially turn on or off.
In other words the SS relay can be half off and half on. this is not a good for the display inverter.
What was happening was my display was not fully ON when the Lock led is off, but it was fully OFF when the LOCK led in on.
So back to the design to fix it up.

I will let you know the fix when I have it.

Regards John
VK2XCQ

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> HI All
>
> FYI
>
> Go to files area, then into "reducing rfi mods"
>
> I placed the oscilloscope photos of the LED on and OFF states.
>
> It is fairly easy to remove the clock pulses with some simple circuitry logic, but the voltage divider works well enough.
>
> LEDs are usually given a duty cycle so they do not get hot, they use a lot less power and it extends their life span by decades.
>
> Regards John
> VK2XCQ
>
> --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> >
> > Hi Nigel
> >
> > Thanks for the questions.
> >
> > The reason for the Pot is I needed a voltage divider. to set the threshold points correctly.
> >
> > The problem using the Lock LED is, it is not actually on or off, it has a strobe clock that changes its appearance of being on or off. The duty cycle is changed and the on/off appears to happen.

> >
> > I used the threshold level of the 74LS series as they have a greater 0/1 voltage differential than the Schmitt series.
> >
> > I considered CMOS but went for the TTL because of their static toughness when other people want to build this. Not everyone knows about static ro how to deal with it.
> > The 535 has an excellent 5v supply, so TTL was the goer.
> >
> > I came up with a far better circuit using some NAND TTL gates, it removed the duty cycle properly, but as this works OK , I do not see a reason to build it.
> >
> > Regards John
> > VK2XCQ
> >
> >
> >
> > --- In nrd-525-535@yahoogroups.com, poldhu1901@ wrote:
> > >
> > >
> > > In a message dated 18/05/2011 14:30:44 GMT Daylight Time,
> > > adams@ writes:
> > >
> > > I just added 12 photo files with some details about a mod that enables you
> > > to turn off your display when you press the lock button.
> > >
> > > While the display is off you get:
> > > Reduced RFI/EMI when the display is off.
> > > 250mA power reduction, so the power supply runs cooler.
> > >
> > > You will find the files in the Reducing RFI mods folder.
> > >
> > >
> > > ----------
> > > Hi John
> > >
> > > Many thanks for a great idea, but I don't understand why you need to use a
> > > pot in your interface circuit.
> > >
> > > The anode of the lock LED is connected to the 5v supply via a 220ohm
> > > resistor and the cathode connected to Q7 of IC11 on the display board, a 74HC564
> > > CMOS octal D type flip-flop.
> > > IC11 is also fed from the 5v supply.
> > >
> > > The LED is on when Q7 switches low, and whilst Q7 probably won't switch
> > > fully to zero due to the level of current via the LED and resistor it should
> > > be a significant drop from the 5v in the off condition and should be enough
> > > to switch another CMOS logic gate via direct connection.
> > >
> > > If you're having to use a pot I'm wondering if you're connecting perhaps to
> > > the anode of the LED or whether it's just because you're using a non CMOS

> > > interface device and the voltage swing at the cathode isn't enough to
> > > switch it due to the current into the pin as mentioned above.
> > >
> > > Because of the loading I can't be sure of the low voltage on Q7 without
> > > measuring it but I would think it very likely that if you were to use a CMOS
> > > schmitt inverter, such as a 40106B, then a direct connection to the LED
> > > cathode should switch that cleanly without the pot.
> > > At the very least using a schmitt input CMOS device should make your pot
> > > setting much less critical.
> > >
> > > regards
> > >
> > > Nigel
> > > GM8PZR
> > >
> >
>

2484. Re: new, unused NRD-535DG for sale (2nd try.)

Yahoo group: nrd-525-535
Date: 2011-05-28 15:57:33 UTC
From: dfas_eu
Topic: 2457 Message: 2484

Hi everyone in the group,

I do have pictures available of the NRD535DG and I am willing to send them to whoever is wanting them. I do have a picture showing that the NRD is working. I already packed up the receiver. If someone out there really wants a picture or video taken of the receiver I am willing to unpack it again.

It is my first international sale on ebay. Everybody has to start one day - and this is mine.

Right now there are 231 people watching the auction - just for your Info.

I am not hidding anything and if there are questions - just ask. Send an email. I am not out of space. I even gove you my phone number if you want to call or my military email address - if you trust Uncle Sam more than me.

I do have an offer from a guy in Saudi Arabia for 2800 Euro but I do not deliver to the middle east do to all the customs regulations and paperwork I would have to do.

I also have an offer for 2000 Euro if I take it out of ebay. I will not do this to give everyone else a chance to buy it, even if it goes for less. I consider that fair to everyone. Beside that .... this is probably the only unused NRD-535DG around at all and a one time chance to get it.

To give you a little background on me. I am working for the US Airforce(Ramstein Airbase, Germany) since almost 30 years and have never ever had trouble with the law - unless you consider some parking tickets as a crime.

The Serial number of the Unit is: 77801

This should be one of the late models, if I am correct, but like to hear from someone who might got more Info on the Serial numbers.

Hope that helped to clarify open questions.

Thanks

Harry

2485. Re: [nrd-525-535] Re: new, unused NRD-535DG for sale (2nd try.)

Yahoo group: nrd-525-535
Date: 2011-05-29 03:26:41 UTC
From: B A
Topic: 2457 Message: 2485

*I don't know why there so much fever over this 535? I guess it's cause it's new? But it's like a new car. The instant you drive it off the lot it's not new anymore. Whomever buys this will have a used unit a week later that does not perform any different than the used one I bought for around $800 on eBay. The guy could have passed it off as new, It was in showroom condition and performed that way as well.

I'd rather save a few hundred bucks and get a nice nice used one with the box, all acc, and the unopened manual.

But that's only my opinion.
*
On Sat, May 28, 2011 at 4:16 AM, dfas_eu <dfas-eu@...> wrote:

>
>
>
>
> Hi everyone on the group, Hi John,
>
> first of all I do have pictures of the NRD535DG and I am willing to send
> them to whoever is wanting them. I do have a picture showing that the NRD is
> working, just not at the Frequency John wanted because I already packed up
> the receiver in dual boxes as JOHN (adams@...) wanted it
> shipped - if he wins the auction and also he did get pictures of the unit
> right after he provided me with his email address. If someone else wants a
> picture or video taken of the receiver I am also willing to unpack it again.
>
>
> It is my first international sale - this is right, but this is not the only
> account I have. You can look at my other account (dfas-eu01) at ebay Germany
> and you will see that me and my wife have over 740 buys and sales and some
> high priced once too. So much for ... can we trust this seller. This account
> I use is strictly for myself and my hobby - that is why it is separate.
>
> People talking bad about an auction are mostly the most interessted once
> too. They try to keep everyone else away to keep the price low.
>
> Right now there are 231 people watching the auction - just for your Info.
>
> I am not hidding anything and if there are questions - just ask. Send an
> email.
>
> I do have an offer from a guy in Saudi Arabia for 2800 Euro but I do not
> deliver to the middle east do to all the customs regulations and paperwork I
> would have to do.

>
> I also have an offer for 2000 Euro if I take it out of ebay. I will not do
> this to give everyone else a chance to buy it, even if it goes for less. I
> consider that fair to everyone. Beside that .... this is probably the only
> unused NRD-535DG around at all and a one time chance to get it.
>
> To give you a little background on me. I am working for the US Airforce
> (Ramstein Airbase, Germany) since almost 30 years and have never ever had
> trouble with the law - unless you consider some parking tickets as a crime.
>
> The Serial number of the Unit is: 77801
>
> This should be one of the late models, if I am correct, but like to hear
> from someone who might got more Info on the Serial numbers.
>
> Hope that helped to clarify open questions.
>
> Thanks
>
> Harry
>
> --- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
> >
> > Hi All
> >
> > According to the owner there is 219 people watching the auction and he
> has received 82 emails about selling it.
> > Considering he is a low count 8bayer that has not used his account for
> sometime and can not provide a photo of it working displaying a selected
> frequency.
> >
> > Only 3 weeks ago I nearly had a fraud happen to me regarding a 535D in
> Canada but when he could not provide a photo of a frequency I selected, I
> phoned him only to find the poor sole had his identity stolen and he did not
> even own a JRC receiver.
> >
> > I do not think people are considering the risk properly, it is already at
> 1100 euros and it has days to go.
> >
> > I thought I would let you know what nearly happened to me.
> > I am not suggesting that this is not for real but please be careful.
> >
> > I am one of the 82 that have emailed him for more information.
> >
> > This is an exciting auction.
> >
> > Regards John
> >
> > --- In nrd-525-535@yahoogroups.com, poldhu1901@ wrote:
> > >

> > > In a message dated 24/05/2011 00:26:27 GMT Daylight Time,
> > > adams@ writes:
> > >
> > > What is the difference between a 535D and a 535DG ?
> > > -------------
> > > Hi John
> > >
> > >
> > > G was the suffix JRC used to indicate models made for the European
> market,
> > > so a basic 535 was a 535G over here, but I'm not aware of any actual
> > > differences.
> > >
> > > Thanks for the explanation re your display switching mod, I'd taken a
> > > quick look at the circuit and just assumed the flip flop was strobed
> but with
> > > the output latched to either full on or full off.
> > > My 535 has been sitting in its box since I moved a few years ago and
> I'd
> > > forgotten about the dimmer function.
> > > Which, if nothing else, reminds me how long it is since I've used it:-(
> > >
> > > It's an interesting problem, I'm still inclined to think it should be
> > > possible to avoid the need for the pot, but would need to put a 'scope
> on it to
> > > be sure.......so yet another reason to get it unboxed again:-)
> > >
> > > Regards
> > >
> > > Nigel
> > > GM8PZR
> > >
> >
>
>
>

--
Thanks !!!!,

Bob

2486. Re: new, unused NRD-535DG for sale (2nd try.)

Yahoo group: nrd-525-535
Date: 2011-05-29 07:14:31 UTC
From: John
Topic: 2457 Message: 2486

Hi All
I my humble opinion.
The reason I would like to own the NOS (New Old Stock) 535DG is because the 535D I own had a hard life. When I received it, it smelled strange, it turned out that the last owner spilled a cup of coffee into it and that coffee got into a lot of areas it should never go. He also used it for digital work and the display is a little worst for ware. also it was badly packed for postage and the entire front face was broken cleanly off and the tuning knob had deep gouges in it. I completely fixed it up but the gouges and the hairline marks in the corners of the front panel are still there
I am not slightly interested in collecting it, I want to use it.
I did not have the cash available when the 535D was new and I would like to own a NOS 535 that is in new condition.

If anyone else has a NOS (new old stock) or equivalent 535D please put it up for sale, someone like me would appreciate it.

I can say with a level of qualification that the JRC NRD series was very well built, not perfect and if yours has been running for a few years it will probably work for another 40 years.
For me the 535 is best, the 535 runs cool, unlike the flagship IC-R9500 which you can toast bread with. I have refurbished enough radios to know that continuous heat shortens the life span of Tantalum and Electro capacitors to as little as a few years, Tantalum caps are the worst, they explode and spray their guts everywhere which can cause far worse problems, like short circuits on other boards. The 535 have separate compartments for each board so one board does not effect another.

You are right to ask the question is it worth the price, for some it will be yes and for some it will be no. Collectors are a real pain, they spoil it for the people that just want a nice condition radio to use.
Lets all enjoy our hobby and have fun discussing the discoveries we make about our fine receivers.

Please if you have a near new condition 535 with all the original box and accessories that you are not using. place it up for sale, you may as well have the cash and someone like me would like a nice 535 to use and does not that does not take 8 months to rebuild.

Regards John

--- In nrd-525-535@yahoogroups.com, B A <rma0100@...> wrote:
>
> *I don't know why there so much fever over this 535? I guess it's cause
> it's new? But it's like a new car. The instant you drive it off the lot
> it's not new anymore. Whomever buys this will have a used unit a week
> later that does not perform any different than the used one I bought for
> around $800 on eBay. The guy could have passed it off as new, It was in
> showroom condition and performed that way as well.

>
> I'd rather save a few hundred bucks and get a nice nice used one with the
> box, all acc, and the unopened manual.
>
> But that's only my opinion.
> *
> On Sat, May 28, 2011 at 4:16 AM, dfas_eu <dfas-eu@...> wrote:
>
> >
> >
> >
> >
> > Hi everyone on the group, Hi John,
> >
> > first of all I do have pictures of the NRD535DG and I am willing to send
> > them to whoever is wanting them. I do have a picture showing that the NRD is
> > working, just not at the Frequency John wanted because I already packed up
> > the receiver in dual boxes as JOHN (adams@...) wanted it
> > shipped - if he wins the auction and also he did get pictures of the unit
> > right after he provided me with his email address. If someone else wants a
> > picture or video taken of the receiver I am also willing to unpack it again.
> >
> >
> > It is my first international sale - this is right, but this is not the only
> > account I have. You can look at my other account (dfas-eu01) at ebay Germany
> > and you will see that me and my wife have over 740 buys and sales and some
> > high priced once too. So much for ... can we trust this seller. This account
> > I use is strictly for myself and my hobby - that is why it is separate.
> >
> > People talking bad about an auction are mostly the most interessted once
> > too. They try to keep everyone else away to keep the price low.
> >
> > Right now there are 231 people watching the auction - just for your Info.
> >
> > I am not hidding anything and if there are questions - just ask. Send an
> > email.
> >
> > I do have an offer from a guy in Saudi Arabia for 2800 Euro but I do not
> > deliver to the middle east do to all the customs regulations and paperwork I
> > would have to do.
> >
> > I also have an offer for 2000 Euro if I take it out of ebay. I will not do
> > this to give everyone else a chance to buy it, even if it goes for less. I
> > consider that fair to everyone. Beside that .... this is probably the only
> > unused NRD-535DG around at all and a one time chance to get it.
> >
> > To give you a little background on me. I am working for the US Airforce
> > (Ramstein Airbase, Germany) since almost 30 years and have never ever had
> > trouble with the law - unless you consider some parking tickets as a crime.
> >

> > The Serial number of the Unit is: 77801
> >
> > This should be one of the late models, if I am correct, but like to hear
> > from someone who might got more Info on the Serial numbers.
> >
> > Hope that helped to clarify open questions.
> >
> > Thanks
> >
> > Harry
> >
> > --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> > >
> > > Hi All
> > >
> > > According to the owner there is 219 people watching the auction and he
> > has received 82 emails about selling it.
> > > Considering he is a low count 8bayer that has not used his account for
> > sometime and can not provide a photo of it working displaying a selected
> > frequency.
> > >
> > > Only 3 weeks ago I nearly had a fraud happen to me regarding a 535D in
> > Canada but when he could not provide a photo of a frequency I selected, I
> > phoned him only to find the poor sole had his identity stolen and he did not
> > even own a JRC receiver.
> > >
> > > I do not think people are considering the risk properly, it is already at
> > 1100 euros and it has days to go.
> > >
> > > I thought I would let you know what nearly happened to me.
> > > I am not suggesting that this is not for real but please be careful.
> > >
> > > I am one of the 82 that have emailed him for more information.
> > >
> > > This is an exciting auction.
> > >
> > > Regards John
> > >
> > > --- In nrd-525-535@yahoogroups.com, poldhu1901@ wrote:
> > > >
> > > > In a message dated 24/05/2011 00:26:27 GMT Daylight Time,
> > > > adams@ writes:
> > > >
> > > > What is the difference between a 535D and a 535DG ?
> > > > -------------
> > > > Hi John
> > > >
> > > >
> > > > G was the suffix JRC used to indicate models made for the European
> > market,

> > > > so a basic 535 was a 535G over here, but I'm not aware of any actual
> > > > differences.
> > > >
> > > > Thanks for the explanation re your display switching mod, I'd taken a
> > > > quick look at the circuit and just assumed the flip flop was strobed
> > but with
> > > > the output latched to either full on or full off.
> > > > My 535 has been sitting in its box since I moved a few years ago and
> > I'd
> > > > forgotten about the dimmer function.
> > > > Which, if nothing else, reminds me how long it is since I've used it:-(
> > > >
> > > > It's an interesting problem, I'm still inclined to think it should be
> > > > possible to avoid the need for the pot, but would need to put a 'scope
> > on it to
> > > > be sure.......so yet another reason to get it unboxed again:-)
> > > >
> > > > Regards
> > > >
> > > > Nigel
> > > > GM8PZR
> > > >
> > >
> >
> >
> >
>
>
>
> --
> Thanks !!!!,
>
> Bob
>

2487. Cleaning and Polishing the NRD-535

Yahoo group: nrd-525-535
Date: 2011-06-07 20:52:19 UTC
From: texnote
Topic: 2487 Message: 2487

Hi,

Any tips on cleaning/polishing the front faceplate of the NRD-535 would be much appreciated. Has anybody here tried Novus polish number 2 on it?

Thanks!
Paul

2488. FS: JRC NRD-505 Receiver

Yahoo group: nrd-525-535
Date: 2011-06-08 00:13:52 UTC
From: Bruce
Topic: 2488 Message: 2488

Hello,

FS: JRC NRD-505 Receiver

The rarest of all JRC receivers. Only 850 made from 1977-1979.

Original Cost in 1977 was $2250.00. ($8350.00 in today's dollars).

100 Khz - 34 Mhz . USB, LSB, AM, CW, RTTY.

With optional CD4-8 Four Channel Internal Memory Unit.

With optional 600 Hz CW Filter.

Condition: Works well. Good front panel with 1 scratch.
There are some scratches on the bezel and the top cover,
but no scrapes, gouges, or dents. 1 dial light bulb is out.

$795.00 shipped.

For reference see:
http://tinyurl.com/3gxtmfp
http://www.universal-radio.com/used/sold317.html

73, Bruce WA8TNC

2489. Re: [nrd-525-535] FS: JRC NRD-505 Receiver

Yahoo group: nrd-525-535
Date: 2011-06-08 14:27:33 UTC
From: raysdz@juno.com
Topic: 2488 Message: 2489
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

2490. Re: [nrd-525-535] FS: JRC NRD-505 Receiver

Yahoo group: nrd-525-535
Date: 2011-06-08 14:35:41 UTC
From: raysdz@juno.com
Topic: 2488 Message: 2490
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

2491. Re: [nrd-525-535] FS: JRC NRD-505 Receiver

Yahoo group: nrd-525-535
Date: 2011-06-08 15:10:34 UTC
From: Bruce
Topic: 2488 Message: 2491

Hello Ray,

The NRD-505 has been sold, pending receipt of funds.

If the sale falls through, I will get back to you.

Thank you,

Bruce WA8TNC
==========
raysdz@... wrote:
>
> Bruce,
> Hello.
> How well does the 505 perform?
> We have exchanged some email in the past, I own the Galaxy R530's and
> the NRD515.
> I have always wanted the 505, but the funds don't always align with dreams.
> Love to hear more about the receiver.
> Thanks
> Ray Klein WB8VDS

2493. Re: [nrd-525-535] FS: JRC NRD-505 Receiver

Yahoo group: nrd-525-535
Date: 2011-06-09 01:57:04 UTC
From: raysdz@juno.com
Topic: 2488 Message: 2493
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

2495. Re: Compatibility of JRC filters

Yahoo group: nrd-525-535
Date: 2011-06-12 16:20:31 UTC
From: Ken
Topic: 2494 Message: 2495

--- In nrd-525-535@yahoogroups.com, Roth Ritter <orbital@...> wrote:
>
>
> Does anyone know if there are any other filter brands out there that are known to be compatible with the NRD-535?
>

I think you will find this interesting.

http://www.kiwa.com/NRD535.html

Ken

2496. Searchable copy of JRC NRD-535 Manual

Yahoo group: nrd-525-535
Date: 2011-06-13 20:38:41 UTC
From: texnote
Topic: 2496 Message: 2496

I have uploaded a searchable copy of the NRD-535 manual in PDF to the files section. In some ways (not all) this is better copy than the other manual we have here. It was received directly from JRC Tokyo.

Paul

2498. Re: Searchable copy of JRC NRD-535 Manual

Yahoo group: nrd-525-535
Date: 2011-06-14 13:12:10 UTC
From: rhblumeng
Topic: 2496 Message: 2498

--- In nrd-525-535@yahoogroups.com, "texnote" <texnote@...> wrote:
>
> I have uploaded a searchable copy of the NRD-535 manual in PDF to the files section. In some ways (not all) this is better copy than the other manual we have here. It was received directly from JRC Tokyo.
>
Very Nice! Thank You.

Bob

2499. The difference between a 535D and a 535DG

Yahoo group: nrd-525-535
Date: 2011-06-20 06:51:06 UTC
From: John
Topic: 2499 Message: 2499

Hi all

I just received my nice new in the box 535DG from Germany.
Ignoring the price which I could never afforded back in the 1980s, I am very pleased with the purchase.

But There is something I was totally unaware about the 535DG and it would appear that no one else is aware of, or at least they have do not appear to have shared this information.

My 535D is an early serial number and the 353DG is a very late serial number, so there was a number of years between the units I have.
It would appear that JRC did small changes as operators told them about 535 flaws.

Most of the boards are different between the 535D and the 535DG, although they have the same part numbers.

I opened the 535DG up and inspected everything. Completely stock , no mods.
I was surprised, the 3v lithium battery was still showing 3.2v and no sign of corrosion. I will replace it later with a new one, they are only support to have a shelf life of 15 years.

I did a direct comparison between my 535D and your 535DG.
I tested all functions and there is differences.

My 535D is highly modified with everything from Kiwa and few few other companies. it work great and is my favorite receiver.

The 535DG audio sounds different not better or worse, just different, a little less bass than the D and the tone control actually works properly.

The DG is a few dB down on my D in sensitivity. Even the weakest signals I could hear on the D I could hear on the DG which had lower gain but the extra gain in the D just increased the atmospheric noise, I went searching the the quiet bands and found a very weak station in the very low noise, the D was better but not by much.

The ECSS is about the same for both, The DG appeared to lock faster or differently or that is what it sounded like .

The Notch filter is about the same for both.

The Noise blanker works very well on the DG but not on the D.

The bandwidth filters are very subjective, it depends what you are use to and what you like to hear. Narrow had no ringing on the DG and it does ring on the D, all the other filters were about the same.

Best of all, the 535DG Vacuum Fluorescent Display (VFD) is very bright.
Now I see what a new VFD looks like, My 535D display is about 2/3rds the brightness of the

535DG. I will be opening both up to compare circuits and voltages.
The D VFD inverter RFI and the DG VFD inverter RFI is completely different, that would suggest they are different in design or my D VFD inverter is failing. I will supply the oscilloscope photos of the outputs later.

The RFI and harmonics within and from the 535DG is less than the 535D. I noticed harmonics missing on 14MHz.
Both the D and the DG VFD displays cause lots of RFI at 420KHz, so LF and VLF are still difficult to receive without turning the display off, I fitted this mod to my D and it works very well.

I will supply more detailed information in a few weeks when I get some time.

Regards to all

2500. Re: [nrd-525-535] The difference between a 535D and a 535DG

Yahoo group: nrd-525-535
Date: 2011-06-20 08:04:39 UTC
From: poldhu1901@aol.com
Topic: 2499 Message: 2500

In a message dated 20/06/2011 07:51:09 GMT Daylight Time,
adams@... writes:

I just received my nice new in the box 535DG from Germany.
Ignoring the price which I could never afforded back in the 1980s, I am
very pleased with the purchase.

But There is something I was totally unaware about the 535DG and it would
appear that no one else is aware of, or at least they have do not appear to
have shared this information.

My 535D is an early serial number and the 353DG is a very late serial
number, so there was a number of years between the units I have.
It would appear that JRC did small changes as operators told them about
535 flaws.

Hi John

Congratulations on what sounds to have been a very good buy.

As commented previously, the G only indicates that it's a unit supplied to
the European market so in itself shouldn't have much bearing on what
you're seeing, one being early and the other very late is obviously likely to be
much more relevant.
Originally there was no "official" ready built 535DG anyway, I had to
purchase the extra boards separately for my 1993 535G as the 535D was only
available in the USA at that time and it was suggested it would only ever be
available there.
On reflection I do recall seeing the 535D eventually being advertised by
some UK suppliers but probably just assumed then that it had been imported
from the USA rather than being factory direct.

As far as I'm aware the only significant documented change has been the
replacement of the original CFL-243 bandwidth control unit with the later
CFL-243W, although that was a relatively early change so "later" in this
context was really quite soon.

What you've observed though is very interesting, and whilst it makes sense
that a company such as JRC should carry out ongoing development on its
products there's not many of us would have the opportunity to compare early and
late models so, as you say, would generally remain unaware of any
differences.

My 535 service manual came from JRC in 1993/94, with a comment that they
didn't have a 535G manual but that both were identical, and this was dated
1991. The only other copy I've seen here was of the same version so whether
or not there have been later releases I don't know.

I'm pretty sure that the service manual available online is also this version but as the version information only seems to be on the outer rear cover, and this isn't included in the scan, it's difficult to be 100% sure.

What I'd really like to know is whether this was an ongoing cycle of change throughout the product life or whether, as with the change to the CFL-243W, some or all of these other changes occurred relatively early on. Component level changes are one thing but ongoing changes to circuit boards is a much more costly proposition.

If you were able to make photos available of your earlier and later circuit boards I feel this would be a very valuable contribution and would allow others of us to make comparisons and hopefully establish whether or not these were early or later changes.

Regards

Nigel
GM8PZR

2501. Re: [nrd-525-535] The difference between a 535D and a 535DG

Yahoo group: nrd-525-535
Date: 2011-06-20 08:58:00 UTC
From: kkyahoo
Topic: 2499 Message: 2501

Nigel,

There were 2 handbooks for the 535, one was dated 1991 and one dated 1994. The latter included the 4kHz version of the wide filter, and the W version of the 243 board. The two handbooks in the files section are the 1991 version.

Kevin

----- Original Message -----
From: poldhu1901@aol.com
To: nrd-525-535@yahoogroups.com
Sent: Monday, June 20, 2011 9:04 AM
Subject: Re: [nrd-525-535] The difference between a 535D and a 535DG

In a message dated 20/06/2011 07:51:09 GMT Daylight Time, adams@liveinter.net.au writes:
I just received my nice new in the box 535DG from Germany.
Ignoring the price which I could never afforded back in the 1980s, I am very pleased with the purchase.

But There is something I was totally unaware about the 535DG and it would appear that no one else is aware of, or at least they have do not appear to have shared this information.

My 535D is an early serial number and the 353DG is a very late serial number, so there was a number of years between the units I have.
It would appear that JRC did small changes as operators told them about 535 flaws.

Hi John

Congratulations on what sounds to have been a very good buy.

As commented previously, the G only indicates that it's a unit supplied to the European market so in itself shouldn't have much bearing on what you're seeing, one being early and the other very late is obviously likely to be much more relevant.
Originally there was no "official" ready built 535DG anyway, I had to purchase the extra boards separately for my 1993 535G as the 535D was only available in the USA at that time and it was suggested it would only ever be available there.
On reflection I do recall seeing the 535D eventually being advertised by some UK suppliers but probably just assumed then that it had been imported from the USA rather than being factory direct.

As far as I'm aware the only significant documented change has been the replacement of the original CFL-243 bandwidth control unit with the later CFL-243W, although that was a relatively early change so "later" in this context was really quite soon.

What you've observed though is very interesting, and whilst it makes sense that a company such as JRC should carry out ongoing development on its products there's not many of us would have the opportunity to compare early and late models so, as you say, would generally

remain unaware of any differences.

My 535 service manual came from JRC in 1993/94, with a comment that they didn't have a 535G manual but that both were identical, and this was dated 1991. The only other copy I've seen here was of the same version so whether or not there have been later releases I don't know. I'm pretty sure that the service manual available online is also this version but as the version information only seems to be on the outer rear cover, and this isn't included in the scan, it's difficult to be 100% sure.

What I'd really like to know is whether this was an ongoing cycle of change throughout the product life or whether, as with the change to the CFL-243W, some or all of these other changes occurred relatively early on.
Component level changes are one thing but ongoing changes to circuit boards is a much more costly proposition.

If you were able to make photos available of your earlier and later circuit boards I feel this would be a very valuable contribution and would allow others of us to make comparisons and hopefully establish whether or not these were early or later changes.

Regards

Nigel
GM8PZR

2502. Re: [nrd-525-535] The difference between a 535D and a 535DG

Yahoo group: nrd-525-535
Date: 2011-06-20 22:04:39 UTC
From: poldhu1901@aol.com
Topic: 2499 Message: 2502

In a message dated 20/06/2011 09:58:18 GMT Daylight Time,
kkyahoo@... writes:

There were 2 handbooks for the 535, one was dated 1991 and one dated 1994.
The latter included the 4kHz version of the wide filter, and the W version
of the 243 board. The two handbooks in the files section are the 1991
version.

Hi Kevin

Many thanks for the information, I've not seen the 1994 version of the user manual but was aware that both user manuals in the files section are the 1991 version. I'm pretty sure the service manual in the files section is also from 1991, but more of that in a moment.

I had one eye on the clock when writing this morning and realise in hindsight that I didn't explain my thoughts very well.

The printed user manual that came to me with my receiver in 1993 was the 1991 version, dated 1991-7 to be precise, and it contained the addendum sheet regarding the change of the bandwidth control module from the CFL-243 to the CFL-243W, which is also shown in the "searchable" manual in the files section, but there was nothing from that to indicate when the change actually took place.

However, my printed service manual is also from 1991, dated 1991-10, and in that the bandwidth control module is already referenced as the CFL-243W, with no mention of the earlier version, so it would seem that the change which wasn't documented in the July 91 user manual was up and running by October 91.

Ok, so you might be tempted to ask "so what?" :-), but the point I was trying to make was that this change seems to have occurred fairly early on and I was just wondering whether or not the other circuit board changes that John observed might also have occurred quite early on or whether there was indeed ongoing changes throughout the manufacturing period.

A couple of observations on the manuals in the files section.....

Both user manual scans certainly do seem to be of the 1991-7 version.
The comment on the front page of the earlier posted copy, "(also for
NRD535-DG)", is most certainly not original and would have been added later,
perhaps by a distributor but more likely after it was scanned.
Not only is it highly unlikely that any manual version was produced
specifically for G models, as they were no different to the others, but at that
time the 535-DG didn't even exist:-)

The bandwidth control module pages in the 1991-10 printed service manual specifically reference the CFL-243W but it's interesting to note that on the fold-out block diagram the "W" looks very much as though it's been added by hand to the master copy.
Although perhaps not immediately obvious, without the original to compare it with, I have no doubt that the block diagram in the service manual from the files section is exactly the same, so would expect that to be from 1991 also.

regards

Nigel
GM8PZR

2503. Re: FS: JRC NRD-505 Receiver

Yahoo group: nrd-525-535
Date: 2011-06-22 19:28:09 UTC
From: William
Topic: 2488 Message: 2503

I see this same one sell for $2800 on ebay from bigapple59

how can this be I confulsed.

--- In nrd-525-535@yahoogroups.com, Bruce <bsugarberg@...> wrote:
>
> Hello,
>
> FS: JRC NRD-505 Receiver
>
> The rarest of all JRC receivers. Only 850 made from 1977-1979.
>
> Original Cost in 1977 was $2250.00. ($8350.00 in today's dollars).
>
> 100 Khz - 34 Mhz . USB, LSB, AM, CW, RTTY.
>
> With optional CD4-8 Four Channel Internal Memory Unit.
>
> With optional 600 Hz CW Filter.
>
> Condition: Works well. Good front panel with 1 scratch.
> There are some scratches on the bezel and the top cover,
> but no scrapes, gouges, or dents. 1 dial light bulb is out.
>
> $795.00 shipped.
>
> For reference see:
> http://tinyurl.com/3gxtmfp
> http://www.universal-radio.com/used/sold317.html
>
> 73, Bruce WA8TNC
>

2504. want to use dc instead of ac mains on my 535

Yahoo group: nrd-525-535
Date: 2011-06-26 11:22:11 UTC
From: zzbmason
Topic: 2504 Message: 2504

hi all can anyone tell me what is required to run my nrd 535 using DC and what is the pin polarity and also how many amps it will draw it say in the manual i will need a 3 amp fuse in line. the reason i want to try this is i believe the radio will run cooler so please any advise would be most welcome

my regards to all Stuart...

2505. Re: [nrd-525-535] want to use dc instead of ac mains on my 535

Yahoo group: nrd-525-535
Date: 2011-06-26 11:44:35 UTC
From: poldhu1901@aol.com
Topic: 2504 Message: 2505

In a message dated 26/06/2011 12:23:26 GMT Daylight Time,
smason@... writes:

hi all can anyone tell me what is required to run my nrd 535 using DC and what is the pin polarity and also how many amps it will draw it say in the manual i will need a 3 amp fuse in line. the reason i want to try this is i believe the radio will run cooler so please any advise would be most welcome

---

Hi Stuart

I haven't tried this so can't advise on whether or not it will run cooler but it might do as there won't be any transformer losses to consider, and at least you won't have any source of mains hum inside the receiver.

The specification advises 12 to 16 volts, nominal 13.8, at approx 2A.

The left hand pin as you look on the rear of the radio is positive, this can just about be seen from the external connections diagram in the "searchable" version of the user manual in the group files section, but it's not visible in the other manual copy that's there, and I've confirmed it from the printed manual.

regards

Nigel
GM8PZR

2506. Re: [nrd-525-535] want to use dc instead of ac mains on my 535

Yahoo group: nrd-525-535
Date: 2011-06-26 11:50:22 UTC
From: B A
Topic: 2504 Message: 2506

*I am using 12 volts DC to run my 535. All you need is the DC cable and connector and a DC Power Supply. I,m not sure if it made any difference in reception/noise or or heat/thermal conditions
*
On Sun, Jun 26, 2011 at 6:22 AM, zzbmason <smason@...> wrote:

> **
>
>
> hi all can anyone tell me what is required to run my nrd 535 using DC and
> what is the pin polarity and also how many amps it will draw it say in the
> manual i will need a 3 amp fuse in line. the reason i want to try this is i
> believe the radio will run cooler so please any advise would be most welcome
>
> my regards to all Stuart...
>
>
>

--
Thanks !!!!,

Bob

2507. Re: want to use dc instead of ac mains on my 535

Yahoo group: nrd-525-535
Date: 2011-06-27 05:02:32 UTC
From: John
Topic: 2504 Message: 2507

Hi Stuart

I have always run my 535 on 12v, to be more accurate 12.8V to 14.3V from a solar charged battery.
Please note, I built my solar panel regulator so it makes NO RFI, most solar regulators do create a lot of RFI. I used a variable voltage regulator kit I bought from Jaycar and set it to output 14.2V to charge my battery.

It makes a LOT of difference using a battery than using AC.
Especially in the interference area. running off a battery allows you to have a separate EARTH from you normal building earth, you get none of the RF noise and interference that is on the earth line in your house.

At a certain frequency I can have a S9+40dB of noise from my new digital TV coming through the Earth and with no earth I get a S3, which is not perfect but you must agree is a lot better.
With this lack of interference I can receive stations well below S0, right down in the internal noise level of the my 535 on battery power and there is a lot less use of the NB so less distortion and the signal is received the way it should sound.

You are correct there is less heat generated so the radio stays cooler, thus the radio is not heat stressed, so it should last longer.
The 535 is a cool operating receiver even with AC power , the 545 gets hot when just sitting turned off in standby mode. I run the 545 on 12v and it remains cool just like the 535.

Please double check the polarity of your DC connector, JRC use an opposite polarity to Uniden that use the same connector type. the Uniden power connector is reasonably easy to buy in comparison to buying a JRC DC power cable.

As you can read I am very for DC power.

Another advantage it can save your 535 from a power outage and damaging power spikes.

Have a nice day.

Regards John

--- In nrd-525-535@yahoogroups.com, "zzbmason" <smason@...> wrote:
>
> hi all can anyone tell me what is required to run my nrd 535 using DC and what is the pin polarity and also how many amps it will draw it say in the manual i will need a 3 amp fuse in line. the reason i want to try this is i believe the radio will run cooler so please any advise would be most welcome
>
> my regards to all Stuart...
>

2508. Re: want to use dc instead of ac mains on my 535

Yahoo group: nrd-525-535
Date: 2011-06-27 23:12:49 UTC
From: John
Topic: 2504 Message: 2508

HI Stuart.

Sorry I forgot.

The DC current the 535 uses is 1.25A.

The 3Amp fuse is just there to stop a short circuit from becoming a fire hazard.

Regards John

--- In nrd-525-535@yahoogroups.com, "zzbmason" <smason@...> wrote:
>
> hi all can anyone tell me what is required to run my nrd 535 using DC and what is the pin polarity and also how many amps it will draw it say in the manual i will need a 3 amp fuse in line. the reason i want to try this is i believe the radio will run cooler so please any advise would be most welcome
>
> my regards to all Stuart...
>

2509. Is this a known failure mode for the S-meter on an NRD-525?

Yahoo group: nrd-525-535
Date: 2011-07-02 21:22:10 UTC
From: rboute
Topic: 2509 Message: 2509

The marker of the S-meter on a NRD-525 I just bought can be moved from end to end by turning "RF gain", but does not respond to changes in signal strength. Before tracing the cause, I would appreciate some input. Regards, Raymond

2510. RE: [nrd-525-535] Is this a known failure mode for the S-meter on an NRD-525?

Yahoo group: nrd-525-535
Date: 2011-07-02 21:29:45 UTC
From: Robert McGee
Topic: 2509 Message: 2510

Raymond,

That is normal for the 525, and most any other receiver I have owned that has an RF Gain dial. Enjoy the 525.

KD8HAV

To: nrd-525-535@yahoogroups.com
From: Raymond.Boute@...
Date: Sat, 2 Jul 2011 21:22:10 +0000
Subject: [nrd-525-535] Is this a known failure mode for the S-meter on an NRD-525?

The marker of the S-meter on a NRD-525 I just bought can be moved from end to end by turning "RF gain", but does not respond to changes in signal strength. Before tracing the cause, I would appreciate some input. Regards, Raymond

2511. Re: [nrd-525-535] Is this a known failure mode for the S-meter on an NRD-525?

Yahoo group: nrd-525-535
Date: 2011-07-02 21:47:03 UTC
From: john
Topic: 2509 Message: 2511

Having it move with the setting of the RF gain sounds normal . I can't
recall if the Smeter on the 525 is active in all MODE settings. To test,
dial in a local AM broadcast band transmission and toggle thru the modes.

Do you have an external antenna connected?

John
K5MO

At 05:22 PM 7/2/2011, rboute wrote:
>The marker of the S-meter on a NRD-525 I just bought can be moved from end
>to end by turning "RF gain", but does not respond to changes in signal
>strength. Before tracing the cause, I would appreciate some
>input. Regards, Raymond
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

2512. Re: Is this a known failure mode for the S-meter on an NRD-525?

Yahoo group: nrd-525-535
Date: 2011-07-03 07:33:33 UTC
From: rboute
Topic: 2509 Message: 2512

The S-meter moving with RF gain setting is indeed normal, but NOT moving in the slightest with changes in signal strength from -130 dBm to -30 dBm at the antenna input is not so good. I'll just have to work on it. Raymond ON4DBV

--- In nrd-525-535@yahoogroups.com, john <johnmb@...> wrote:
>
>
> Having it move with the setting of the RF gain sounds normal . I can't
> recall if the Smeter on the 525 is active in all MODE settings. To test,
> dial in a local AM broadcast band transmission and toggle thru the modes.
>
> Do you have an external antenna connected?
>
> John
> K5MO
>
>
> At 05:22 PM 7/2/2011, rboute wrote:
> >The marker of the S-meter on a NRD-525 I just bought can be moved from end
> >to end by turning "RF gain", but does not respond to changes in signal
> >strength. Before tracing the cause, I would appreciate some
> >input. Regards, Raymond
> >
> >
> >
> >------------------------------------
> >
> >Yahoo! Groups Links
> >
> >
> >
>

2513. Re: [nrd-525-535] Is this a known failure mode for the S-meter on an NRD-525?

Yahoo group: nrd-525-535
Date: 2011-07-03 08:07:59 UTC
From: Steve
Topic: 2509 Message: 2513

on the 525 if you press the AGC button you should see OFF FAST SLOW
cycle round at each press next to AGC, when AGC is OFF only the RF gain
will affect the S meter reading, in the other positions signals will
cause a S meter reading. If the AGC setting cycles round OK then an AGC
fault is likely, if the AGC setting does not cycle then the push button
is a likely candidate, these are little sealed modules and cannot be
cleaned, replacement is the only option.

Steve

On 02/07/2011 22:22, rboute wrote:
>
> The marker of the S-meter on a NRD-525 I just bought can be moved from
> end to end by turning "RF gain", but does not respond to changes in
> signal strength. Before tracing the cause, I would appreciate some
> input. Regards, Raymond
>
>

2514. (no subject)

Yahoo group: nrd-525-535
Date: 2011-07-03 08:11:16 UTC
From: stuart
Topic: 2514 Message: 2514

hi Stuart here. 1st thanks to all members for the advice in the replies posted .i looked at the back of my 535 and my DC input socket is marked
(0 0)<--- my way of showing the socket.so now i have enough
+ -
information all i need to find out is where can i find a 2 pin plug to fit the DC socket so thanks all for your help

kind regards Stuart...

2515. NRD-525 knobs

Yahoo group: nrd-525-535
Date: 2011-07-05 08:28:33 UTC
From: Ton
Topic: 2515 Message: 2515

Hello all, i'm new to this group as a owner of a 'new' nrd-525.
This receiver works and looks great!
The only thing is that both < > knobs symbols are vague.
Does anybody has some spare fore sale?
Thanks in advance!

2516. Re: Main Tuning Dial Too Loose on NRD-535

Yahoo group: nrd-525-535
Date: 2011-07-05 15:19:47 UTC
From: rboute
Topic: 1208 Message: 2516

Has the question below about the screw 3T3X4 been answered somewhere? More specifically: which tool or screwdriver is needed?
73 Raymond ON4DBV

--- In nrd-525-535@yahoogroups.com, "Franz" <franz.bruhns@...> wrote:
>
> The service manual describes for the main tuning knob NRD535:
>
> set screw
> 3T3x4
>
> What means this exactly? Is it metric or inch? And what screw driver have I to use?
>
> 73
> Franz, DL2GJ
>
> --- In nrd-525-535@yahoogroups.com, B A <rma0100@> wrote:
> >
> > *In the reviews that I have read this has been a critisism of the Radio.
> > The felt washer is what the recommendation is. My 535 will be here this Wed
> > and I'll be looking for a felt washer as well. Otherwise I hear all good
> > things about the radio. I guess nothing is perfect
> > *
>

2517. DC connector

Yahoo group: nrd-525-535
Date: 2011-07-05 01:05:34 UTC
From: John
Topic: 2514 Message: 2517

Hi Stuart

It is the same as the fairly common Uniden transceiver dc connector, just be aware that the polarity is wrong.

Regards John

--- In nrd-525-535@yahoogroups.com, "stuart" <smason@...> wrote:
>
> hi Stuart here. 1st thanks to all members for the advice in the replies posted .i looked at the back of my 535 and my DC input socket is marked
> (0 0)<--- my way of showing the socket.so now i have enough
> + -
> information all i need to find out is where can i find a 2 pin plug to fit the DC socket so thanks all for your help
>
> kind regards Stuart...
>

2518. Re: DC connector

Yahoo group: nrd-525-535
Date: 2011-07-07 06:05:49 UTC
From: stuart
Topic: 2514 Message: 2518

thanks for the info John. i have searched ebay for a power cable but its impossible to see if the plug is correct ,do you have a picture of a power lead from a Uniden transceiver that shows the end of the plug or a part no. cheers Stuart..
--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Hi Stuart
>
> It is the same as the fairly common Uniden transceiver dc connector, just be aware that the polarity is wrong.
>
> Regards John
>
> --- In nrd-525-535@yahoogroups.com, "stuart" <smason@> wrote:
> >
> > hi Stuart here. 1st thanks to all members for the advice in the replies posted .i looked at the back of my 535 and my DC input socket is marked
> > (0 0)<--- my way of showing the socket.so now i have enough
> > + -
> > information all i need to find out is where can i find a 2 pin plug to fit the DC socket so thanks all for your help
> >
> > kind regards Stuart...
> >
>

2520. Re: DC connector

Yahoo group: nrd-525-535
Date: 2011-07-09 13:14:37 UTC
From: John
Topic: 2514 Message: 2520

Disaster has happened and it is due to the broken negative wire going to the DC power plug.
I was moving my 535D. I plugged in the DC power connector and connected up the antenna, external speaker and Earth.
Turned the 535D on and the AGC went full scale with no audio.
After a bit of diagnostics it turned out to be DC cable was broken, the negative lead was broken and the dc return was via the audio cable.

It has damaged the power supply, the CPU board, the front panel and, the main board audio amp.

S*&%^, Just when I got this 535D nicely working.

This is a note to all that use dc power:
PLEASE CHECK YOUR NEGATIVE CONNECTION AND MAKE SURE IT IS ALWAYS IN GOOD OPERATING CONDITION.

I never expected this to happen and what an expensive way to learn.
To look at this from a positive point of view, by the time I fix it, I will know a lot more about the 535D. I hope I can get the parts I will need.

I hope this never happens to anyone else.

Regards John

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Hi Stuart
>
> It is the same as the fairly common Uniden transceiver dc connector, just be aware that the polarity is wrong.
>
> Regards John
>
> --- In nrd-525-535@yahoogroups.com, "stuart" <smason@> wrote:
> >
> > hi Stuart here. 1st thanks to all members for the advice in the replies posted .i looked at the back of my 535 and my DC input socket is marked
> > (0 0)<--- my way of showing the socket.so now i have enough
> > + -
> > information all i need to find out is where can i find a 2 pin plug to fit the DC socket so thanks all for your help
> >
> > kind regards Stuart...
> >
>

2521. Re: DC connector

Yahoo group: nrd-525-535
Date: 2011-07-10 08:09:06 UTC
From: stuart
Topic: 2514 Message: 2521

hi guys . im one happy camper because i found that benelec supply a power lead for $5 dollars Australian plus post total of $10 bucks so i bought 2 and as you said the polarity is reversed any how it works like a charm if you could have seen the grin on my face when i saw the little DC light on my display. (Priceless). the benelec part no is 10502 transceiver dc power lead 2 pin . cheers Stuart..

--- In nrd-525-535@yahoogroups.com, Roth Ritter <orbital@...> wrote:
>
> Universal Radio still has the original JRC DC cables in stock (http://www.universal-radio.com/catalog/commrxvr/nrd525.html) or in a pinch, you can fabricate one with a commonly found laptop power supply cable. You just have to sand down the plastic nose a little with a Dremel tool, but it works fine.
>
> -R
>
> On Jul 7, 2011, at 12:05 AM, stuart wrote:
>
> >
> > thanks for the info John. i have searched ebay for a power cable but its impossible to see if the plug is correct ,do you have a picture of a power lead from a Uniden transceiver that shows the end of the plug or a part no. cheers Stuart..
> > --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> > >
> > > Hi Stuart
> > >
> > > It is the same as the fairly common Uniden transceiver dc connector, just be aware that the polarity is wrong.
> > >
> > > Regards John
> > >
> >
>

2522. Re: [nrd-525-535] Re: DC connector

Yahoo group: nrd-525-535
Date: 2011-07-10 18:50:41 UTC
From: B A
Topic: 2514 Message: 2522

*There are boards listed on ebay at reasonable prices. I can't remember for
which model though. These things have happened to all of us. I always
check things with a DVM before applying power. I learned the hard way also.

I almost blew up a $30,000 R&S Spec Analyzer, almost. By almost applying
117 VAC to the input. I caught myself in time though. I would have
committed suicide....LOL
*
On Sat, Jul 9, 2011 at 8:14 AM, John <adams@liveinter.net.au> wrote:

> **
>
>
> Disaster has happened and it is due to the broken negative wire going to
> the DC power plug.
> I was moving my 535D. I plugged in the DC power connector and connected up
> the antenna, external speaker and Earth.
> Turned the 535D on and the AGC went full scale with no audio.
> After a bit of diagnostics it turned out to be DC cable was broken, the
> negative lead was broken and the dc return was via the audio cable.
>
> It has damaged the power supply, the CPU board, the front panel and, the
> main board audio amp.
>
> S*&%^, Just when I got this 535D nicely working.
>
> This is a note to all that use dc power:
> PLEASE CHECK YOUR NEGATIVE CONNECTION AND MAKE SURE IT IS ALWAYS IN GOOD
> OPERATING CONDITION.
>
> I never expected this to happen and what an expensive way to learn.
> To look at this from a positive point of view, by the time I fix it, I will
> know a lot more about the 535D. I hope I can get the parts I will need.
>
> I hope this never happens to anyone else.
>
> Regards John
>
>
> --- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
> >
> > Hi Stuart
> >
> > It is the same as the fairly common Uniden transceiver dc connector, just
> be aware that the polarity is wrong.

> >
> > Regards John
> >
> > --- In nrd-525-535@yahoogroups.com, "stuart" <smason@> wrote:
> > >
> > > hi Stuart here. 1st thanks to all members for the advice in the replies
> posted .i looked at the back of my 535 and my DC input socket is marked
> > > (0 0)<--- my way of showing the socket.so now i have enough
> > > + -
> > > information all i need to find out is where can i find a 2 pin plug to
> fit the DC socket so thanks all for your help
> > >
> > > kind regards Stuart...
> > >
> >
>
>
>

--
Thanks !!!!,

Bob

2523. Re: DC connector

Yahoo group: nrd-525-535
Date: 2011-07-11 05:53:34 UTC
From: John
Topic: 2514 Message: 2523

Update on my disaster.
I had a busy Sunday.
The fault turned out to be the ECSS board only.
It loaded the hell out of the power supply, that it shut down the 10.8V PS output. It caused logic failures in the CPU and Display boards, not sure how yet.
What a lot of excitement because of the power return happening via the external speaker connection, looking at the schematic there should have been no effect at all.

Now all I need to do is repair the ECSS board.
Unless
Is there any one out there that would like to sell their late ECSS board they do not find useful or want.

Regards John

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Disaster has happened and it is due to the broken negative wire going to the DC power plug.
> I was moving my 535D. I plugged in the DC power connector and connected up the antenna, external speaker and Earth.
> Turned the 535D on and the AGC went full scale with no audio.
> After a bit of diagnostics it turned out to be DC cable was broken, the negative lead was broken and the dc return was via the audio cable.
>
> It has damaged the power supply, the CPU board, the front panel and, the main board audio amp.
>
> S*&%^, Just when I got this 535D nicely working.
>
> This is a note to all that use dc power:
> PLEASE CHECK YOUR NEGATIVE CONNECTION AND MAKE SURE IT IS ALWAYS IN GOOD OPERATING CONDITION.
>
> I never expected this to happen and what an expensive way to learn.
> To look at this from a positive point of view, by the time I fix it, I will know a lot more about the 535D. I hope I can get the parts I will need.
>
> I hope this never happens to anyone else.
>
> Regards John
>
> --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> >
> > Hi Stuart
> >

> > It is the same as the fairly common Uniden transceiver dc connector, just be aware that the polarity is wrong.
> >
> > Regards John
> >
> > --- In nrd-525-535@yahoogroups.com, "stuart" <smason@> wrote:
> > >
> > > hi Stuart here. 1st thanks to all members for the advice in the replies posted .i looked at the back of my 535 and my DC input socket is marked
> > > (0 0)<--- my way of showing the socket.so now i have enough
> > > + -
> > > information all i need to find out is where can i find a 2 pin plug to fit the DC socket so thanks all for your help
> > >
> > > kind regards Stuart...
> > >
> >
>

2524. ECSS

Yahoo group: nrd-525-535
Date: 2011-07-11 00:07:03 UTC
From: Charles
Topic: 870 Message: 2524

John

What's the number of the ECSS board you are looking for? I might have an extra?

Chuck
ka4prf@...

2525. Re: ECSS

Yahoo group: nrd-525-535
Date: 2011-07-12 03:40:37 UTC
From: John
Topic: 870 Message: 2525

Hi Chuck

What ECSS boards do you have?

What would be the price for them?

Regards John

--- In nrd-525-535@yahoogroups.com, "Charles" <ka4prf@...> wrote:
>
> John
>
> What's the number of the ECSS board you are looking for? I might have an
> extra?
>
> Chuck
> ka4prf@...
>

2526. 525 NB

Yahoo group: nrd-525-535
Date: 2011-07-26 19:52:44 UTC
From: ik0ixi
Topic: 2526 Message: 2526

Hi.
I would like to improve NB on my 525.
I already lowered C4 down to 2.2 pF and it seems to be a light improvement.

Any suggestion?

Fabio, IK0IXI - KF1B

2527. 525 NB: any mods?

Yahoo group: nrd-525-535
Date: 2011-07-26 19:54:34 UTC
From: ik0ixi
Topic: 2527 Message: 2527

I already lowered C46 to 2.2 pF, but the improvement seems to be light.

Any suggestion?

Fabio, IK0IXI - KF1B

2528. Re: [nrd-525-535] 525 NB: any mods?

Yahoo group: nrd-525-535
Date: 2011-07-26 20:17:13 UTC
From: B A
Topic: 2527 Message: 2528

*I have aJRC 535 and a Kenwood 5000 and right now they are useless with the amount of noise on all bands. Is it the heat for this time of year or what. Does anyone know? Both radios can hardly bring in WWV.
*
On Tue, Jul 26, 2011 at 2:54 PM, ik0ixi <ik0ixi@...> wrote:

> **
>
>
> I already lowered C46 to 2.2 pF, but the improvement seems to be light.
>
> Any suggestion?
>
> Fabio, IK0IXI - KF1B
>
>
>

--
Thanks !!!!,

Bob

2529. Re: [nrd-525-535] 525 NB: any mods?

Yahoo group: nrd-525-535
Date: 2011-07-26 20:33:16 UTC
From: dslesh@earthlink.net
Topic: 2527 Message: 2529

Hello BA Yes, the bands, from 3 to 30MHz seem to be very noisy lately. I live in southern Rhode Island and monitor Voice of Nigeria every day at 6:00pm EDT and two weeks ago I could cpy fine....now, all I hear is noise and VON in the noise floor!

Regards KB1IBE

2531. Re: [nrd-525-535] NRD-535D for AUCTION.

Yahoo group: nrd-525-535
Date: 2011-07-26 21:18:17 UTC
From: john
Topic: 2105 Message: 2531

Ah, for auction not for sale. Good to know

Good luck with your auction.
John

At 04:43 PM 7/26/2011, Roth Ritter wrote:
>I just placed my NRD-535D on eBay if anyone here is interested. I just got
>my ham license so my gear priorities have changed a bit. It has all of the
>Kiwa mods plus a new pair of ST-3's.
>
>Also I have the matching NVA-319 I will be listing soon in a separate
>auction as well.
>
>Link:
>http://cgi.ebay.com/JRC-NRD-535D-HF-Receiver-w-Kiwa-Mods-ST-3-SUPERB-/200634661651?pt=Sho
rtwave_Radios&hash=item2eb6c1fb13#ht_2481wt_1152
>
>Thanks,
>
>-R
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

2532. Re: [nrd-525-535] NRD-535D for AUCTION.

Yahoo group: nrd-525-535
Date: 2011-07-26 21:36:52 UTC
From: B A
Topic: 2105 Message: 2532

*I do a lot of ebay, both sales and buying electronics stuff. Almost every day. Times are tough right now and in my opinion the starting price is too high, not that the radio isn't worth it but people like to think their getting a deal and the physiology of that tends to keep people from bidding when the starting price is high even when the product is worth it.

Setting reserves has the same effect. I hope he gets his asking price. I have one and their a nice receiver
*.
On Tue, Jul 26, 2011 at 4:18 PM, john <johnmb@nc.rr.com> wrote:

> **
>
>
>
> Ah, for auction not for sale. Good to know
>
> Good luck with your auction.
> John
>
> At 04:43 PM 7/26/2011, Roth Ritter wrote:
> >I just placed my NRD-535D on eBay if anyone here is interested. I just got
>
> >my ham license so my gear priorities have changed a bit. It has all of the
>
> >Kiwa mods plus a new pair of ST-3's.
> >
> >Also I have the matching NVA-319 I will be listing soon in a separate
> >auction as well.
> >
> >Link:
> >
> http://cgi.ebay.com/JRC-NRD-535D-HF-Receiver-w-Kiwa-Mods-ST-3-SUPERB-/200634661651?pt=Shortwave_Radios&hash=item2eb6c1fb13#ht_2481wt_1152
> >
> >Thanks,
> >
> >-R
> >
> >
> >
> >---------------------------------
> >
> >Yahoo! Groups Links
> >

> >
> >
>
>

--
Thanks !!!!,

Bob

2534. Re: [nrd-525-535] NRD-535D for AUCTION.

Yahoo group: nrd-525-535
Date: 2011-07-26 22:43:31 UTC
From: B A
Topic: 2105 Message: 2534

*It's worth the price for sure, no doubt. I also paid over a grand for mine
but priced of the 535 and 525 have come down. There's a 535 up there for
$700. Good Luck
*
On Tue, Jul 26, 2011 at 4:46 PM, Roth Ritter <orbital@rothritter.com> wrote:

> **
>
>
> Well it's a buy it now price only for $1200 + mods + a new pair of ST-3's
> which are $120. I paid $1000 for the stock radio by itself a year ago. If it
> goes for a while, obviously I'll drop it until it sells.
>
> The NVA-319 though will be an auction starting at $200.
>
> -R
>
>
>
> On Jul 26, 2011, at 3:36 PM, B A wrote:
>
>
>
> *I do a lot of ebay, both sales and buying electronics stuff. Almost
> every day. Times are tough right now and in my opinion the starting price
> is too high, not that the radio isn't worth it but people like to think
> their getting a deal and the physiology of that tends to keep people from
> bidding when the starting price is high even when the product is worth it.
>
> Setting reserves has the same effect. I hope he gets his asking price. I
> have one and their a nice receiver
> *.
>
>
>
>

--
Thanks !!!!,

Bob

2535. Re: [nrd-525-535] NRD-535D for AUCTION.

Yahoo group: nrd-525-535
Date: 2011-07-26 23:08:55 UTC
From: poldhu1901@aol.com
Topic: 2105 Message: 2535

In a message dated 26/07/2011 23:43:43 GMT Daylight Time, rma0100@...
writes:

It's worth the price for sure, no doubt. I also paid over a grand for
mine but priced of the 535 and 525 have come down. There's a 535 up there for
$700. Good Luck

Even if it does sell for that, it is certainly NOT worth the price, for
sure, for sure, for sure, and again no doubt!!

We're starting to see the audiophool effect here, perhaps enhanced by the
recent NIB sale for an NRD-535D, but prices have been dropping steadily for
several years now and this one is just overhyped.

If someone is willing to pay that then congratulations to the seller, but
commiserations to the foolish buyer.

I still think the 535 is a great receiver, ain't planning on selling mine
anytime soon, but it's around 20 years old and times move on, so let's get
real.

regards

Nigel
GM8PZR

2536. Re: [nrd-525-535] NRD-535D for sale

Yahoo group: nrd-525-535
Date: 2011-07-27 02:39:37 UTC
From: Brian Denley
Topic: 2105 Message: 2536

If you get that buy it now price, I'm selling mine tomorrow!
Brian Denley KB1VBF
http://home.comcast.net/~b.denley/index.html

----- Original Message -----
From: "Roth Ritter" <orbital@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Tuesday, July 26, 2011 4:43 PM
Subject: [nrd-525-535] NRD-535D for sale

I just placed my NRD-535D on eBay if anyone here is interested. I just got
my ham license so my gear priorities have changed a bit. It has all of the
Kiwa mods plus a new pair of ST-3's.

Also I have the matching NVA-319 I will be listing soon in a separate
auction as well.

Link:
http://cgi.ebay.com/JRC-NRD-535D-HF-Receiver-w-Kiwa-Mods-ST-3-SUPERB-/200634661651?pt=Shortwave_Radios&hash=item2eb6c1fb13#ht_2481wt_1152

Thanks,

-R

2537. Band pass filters diodes

Yahoo group: nrd-525-535
Date: 2011-07-27 18:25:07 UTC
From: ik0ixi
Topic: 2537 Message: 2537

Anyone replaced the band pass filters switching diodes with PIN?
CD 5 - 16 and CD 52 - 53.

Fabio, IK0IXI - KF1B

2539. Re: Band pass filters diodes

Yahoo group: nrd-525-535
Date: 2011-07-29 10:50:16 UTC
From: g3vvt@aol.com
Topic: 2537 Message: 2539

Hi Fabio,

Did the change with a NRD-515 that had taken a hit from a nearby lightning strike. Believed used something similar to the BA479 PIN diode to do the repair which involved all of the diodes in the front end band switching being replaced. Also took out the BCD to decimal decoder chip and the pair of U310 FET in the RX 1st mixer. Testing afterwards to compare with my own NRD-515 the results were identical for both RX. Never tried normal switching diodes, though did use those with the GE Mastr II UHF FM transceiver where we used two RX front ends to cover a wider bandwidth. The original PIN diodes in that were rather fragile, subject to frequent failure and difficult to source.

The damage to the NRD-515 front end was increased due to a previous owner removing the protection diodes on the RX antenna input. Not a wise move in some circumstances.

Regards,
Bob, G3VVT

2540. Re: [nrd-525-535] Re: Band pass filters diodes

Yahoo group: nrd-525-535
Date: 2011-07-30 16:35:37 UTC
From: Fabio Bonucci, IK0IXI - KF1B
Topic: 2537 Message: 2540

HI Bob, thanks for reply.
I read years ago some QST articles written by Urich Rohde. He wrote about IMD improvement simply replacing passe band filters switching diodes.
After a IC-751A modify, I did diodes change in my JST-135 in 1999. It used stock silicon diodes to switch band pass filters. I replaced them (14) with expansive HP PIN 5082-3081 but never made serious measurements.
After replacement, the general receiver noise was quite low, surely better than before. According to Rohde's articles, IMD performance should be improved seriously.

I will try soon this modify in my NRD-525. Stay tuned.

See you.

Fabio, IK0IXI - KF1B

----- Original Message -----
From: g3vvt@...
To: nrd-525-535@yahoogroups.com
Sent: Friday, July 29, 2011 12:50 PM
Subject: [nrd-525-535] Re: Band pass filters diodes

Hi Fabio,

Did the change with a NRD-515 that had taken a hit from a nearby lightning strike. Believed used something similar to the BA479 PIN diode to do the repair which involved all of the diodes in the front end band switching being replaced. Also took out the BCD to decimal decoder chip and the pair of U310 FET in the RX 1st mixer. Testing afterwards to compare with my own NRD-515 the results were identical for both RX. Never tried normal switching diodes, though did use those with the GE Mastr II UHF FM transceiver where we used two RX front ends to cover a wider bandwidth. The original PIN diodes in that were rather fragile, subject to frequent failure and difficult to source.

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Regards,
Bob, G3VVT

2541. Re: [nrd-525-535] Re: Band pass filters diodes

Yahoo group: nrd-525-535
Date: 2011-07-30 16:59:23 UTC
From: John Reed
Topic: 2537 Message: 2541

You might want to check out what replacing the original switching diodes with pin diodes did for an ICOM IC-781. Go to the Sherwood Engineering website and find Receiver Test Data. In it you'll find a stock IC-781 compared to one that was modified by replacing the original diodes with pin diodes. The narrow spaced dynamic range was actually worse on the modified receiver. Blocking was some better but sensitivity had decreased. All in all probably not a worthwhile mod.

John Reed, KA5QEP

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I will try soon this modify in my NRD-525. Stay tuned.

See you.

Fabio, IK0IXI - KF1B

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From: g3vvt@...
To: nrd-525-535@yahoogroups.com
Sent: Friday, July 29, 2011 12:50 PM
Subject: [nrd-525-535] Re: Band pass filters diodes

Hi Fabio,

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The damage to the NRD-515 front end was increased due to a previous owner removing the protection diodes on the RX antenna input. Not a wise move in some circumstances.

Regards,
Bob, G3VVT

2542. Re: [nrd-525-535] Re: Band pass filters diodes

Yahoo group: nrd-525-535
Date: 2011-07-30 17:16:39 UTC
From: Fabio Bonucci, IK0IXI - KF1B
Topic: 2537 Message: 2542

HI John.
Dr. Rohde - N1UL wrote four article about this modify and he is a serious high level RF technician and he was (or still is) the President of Rohde & Schwarz sales in USA.
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73 Fabio, IK0IXI - KF1B

----- Original Message -----
From: John Reed
To: nrd-525-535@yahoogroups.com
Sent: Saturday, July 30, 2011 6:59 PM
Subject: Re: [nrd-525-535] Re: Band pass filters diodes

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See you.

Fabio, IK0IXI - KF1B

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From: g3vvt@...
To: nrd-525-535@yahoogroups.com

Sent: Friday, July 29, 2011 12:50 PM
Subject: [nrd-525-535] Re: Band pass filters diodes

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Bob, G3VVT

2543. Re: [nrd-525-535] Re: Band pass filters diodes

Yahoo group: nrd-525-535
Date: 2011-07-30 23:15:57 UTC
From: John Reed
Topic: 2537 Message: 2543

The results of the Sherwood tests speak for themselves. I prefer real world tests over theory. As far as doing this mod, I changed all the front end diodes in an old IC-R71 a long time ago after corresponding with Dr Rohde about those articles. I tested it after this change and all I could find was that it was quieter, due to having less sensitivity. As far as dynamic range, I couldn't find any difference. Naturally you should gain some dynamic range when sensitivity is lost, but that effect can also be gotten much easier and cheaper by simply adding a front end attenuator.

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To: nrd-525-535@yahoogroups.com
Sent: Saturday, July 30, 2011 6:59 PM
Subject: Re: [nrd-525-535] Re: Band pass filters diodes

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From: g3vvt@...
To: nrd-525-535@yahoogroups.com
Sent: Friday, July 29, 2011 12:50 PM
Subject: [nrd-525-535] Re: Band pass filters diodes

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Regards,
Bob, G3VVT

2544. Re: [nrd-525-535] Re: Band pass filters diodes

Yahoo group: nrd-525-535
Date: 2011-07-31 00:49:11 UTC
From: Bob Betts
Topic: 2537 Message: 2544

Hello Group:
Sorry, but I've lost track of this thread's continuity (my fault with a heavy work schedule), but it is an interesting topic.
I know Bob Sherwood and am familiar with much of his excellent work, and I also have corresponded with the good Dr. Rohde. So we are referencing some respectable sources.
Some time ago I built a 5-mode AM Demodulator, primarily for long-term AM SWLing and to get the best possible recovered audio and/or reduce the effects of the various modes of QSB. It was an interesting study, to say the least ... and quite educational. One of the detectors I used was the Rohde ultra-linear which has beautiful linearity and pretty good dynamic range.
http://bobsamerica.com/am-demod-1.html
Anyhow, during the R&D, I investigated various diodes for either switching purposes or envelope detection. One thing that became apparent was the shunt capacitance of some of the devices. Just to create a good baseline, I even evaluated a few LEDs to see how high they could get, along with some BAT's and older HP's.
Is this a part of the consideration we are discussing here? Or does it have to do with leakage or breakdown voltage? Any of the discussion technical details and citations/references would be appreciated.
Sorry to come in, in the middle like this, but the discussion did grab my interest.

Good signals to all,

Bob, N1KPR

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2545. Re: [nrd-525-535] Re: Band pass filters diodes

Yahoo group: nrd-525-535
Date: 2011-07-31 04:52:48 UTC
From: Fabio Bonucci, IK0IXI - KF1B
Topic: 2537 Message: 2545

HI Bob, nice to meet you.

Interesting topic indeed, I agree.
We are discussing about modern receivers and band pass filters switching diodes replacement: is it a right choice?
According to QST articles written by U. Rodhe N1UL, it seems to be a fine job with good results.
According to Sherwood tests, their replacement causes just a loss of sensitivity.

Mr. Rohde in his 1994 QST articles wrote about bias variation in the filter in use caused by strong RF signals in phase at the receiver input.
The best diode he found was the HP 5082-3081 with a minority carrier lifetime of 4 microseconds, so perfect for HF range.

I agree: Sherwood is a respectable source, but also Mr. Rohde made measurements after his work around diodes replacement.
Where is the truth? I don't know.

Regards

Fabio Bonucci, IK0IXI - KF1B

----- Original Message -----
From: Bob Betts
To: nrd-525-535@yahoogroups.com
Sent: Sunday, July 31, 2011 2:49 AM
Subject: Re: [nrd-525-535] Re: Band pass filters diodes

Hello Group:
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2546. Re: [nrd-525-535] Re: Band pass filters diodes

Yahoo group: nrd-525-535
Date: 2011-07-31 13:25:33 UTC
From: Bob Betts
Topic: 2537 Message: 2546

Thanks Fabio. Okay, an interesting topic to be sure.
I don't have any hands-on experience with those mods, but do know that it can be tricky when doing switching that way. I'm sure the original designers considered all those factors, but as newer and better devices become available, it may (or may not) be worth incorporating the mods.
My only recent experience along those lines was with the B/P filters in a preselector I was building. In some bands, the capacitance of the diodes had to be negated by feeding the bias voltage through inductors to keep the diodes from leaking the signal back through the power supply, which looks like a virtual RF ground. I also tried it using a current source which offered a very high RF impedance to avoid that condition as well, but that got to be over kill. In any case, I found some loss of sensitivity from the diode's RF shunt effect until it was fixed with the series inductor. I worried about self resonance, so made the inductor value large enough to be out of band. I like to design receiver's front ends with as high a gain as practical, but with as few device junctions as possible in an effort to keep noise low. When dealing with micro volt signal levels, solid state noise becomes a real problem. I suppose I'm a bit paranoid about headend noise, but
actually, that's the name of the game.
Anyhow, I've drifted way off topic. Maybe someday I'll get one of the receivers on the bench and play with that scenario.
Thanks for the clarification.

Bob, N1KPR

http://www.bobsamerica.com
* Music * Audio * Radio *
"It's all good"

--- On Sun, 7/31/11, Fabio Bonucci, IK0IXI - KF1B <ik0ixi@...> wrote:

From: Fabio Bonucci, IK0IXI - KF1B <ik0ixi@ik0ixi.it>
Subject: Re: [nrd-525-535] Re: Band pass filters diodes
To: nrd-525-535@yahoogroups.com
Date: Sunday, July 31, 2011, 12:52 AM

HI Bob, nice to meet you.

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----- Original Message -----
From: Bob Betts
To: nrd-525-535@yahoogroups.com
Sent: Sunday, July 31, 2011 2:49 AM
Subject: Re: [nrd-525-535] Re: Band pass filters diodes

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2547. Re: [nrd-525-535] Re: Band pass filters diodes

Yahoo group: nrd-525-535
Date: 2011-08-01 08:57:18 UTC
From: Fabio Bonucci, IK0IXI - KF1B
Topic: 2537 Message: 2547

Thanks you Bob for experience sharing.
About diode bias voltage suppling, JRC uses 470 microH inductors in series with + (always fed) , while filters switching is made grounding the couple of diodes through a IC.
I suppose this system good enough to avoid losses.

I will try soon the mods on NRD-525.

73 Fabio, IK0IXI - KF1B

----- Original Message -----
From: Bob Betts
To: nrd-525-535@yahoogroups.com
Sent: Sunday, July 31, 2011 3:25 PM
Subject: Re: [nrd-525-535] Re: Band pass filters diodes

Thanks Fabio. Okay, an interesting topic to be sure.
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From: Fabio Bonucci, IK0IXI - KF1B <ik0ixi@...>
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To: nrd-525-535@yahoogroups.com

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From: Bob Betts
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2548. RXCommander new version

Yahoo group: nrd-525-535
Date: 2011-08-04 13:34:03 UTC
From: pietro
Topic: 2169 Message: 2548

Hello List,

I just finished the new version of my rxcommander, a remote control
software for JRC-525 and JRC-535.
It's free, it's easy ... so why not to have a look ??
http://hummer92.homeip.net/~hb9rxc

For any other info please contact me !

ciao and 73 de Pietro / hb9rxc

2549. New Member

Yahoo group: nrd-525-535
Date: 2011-08-18 14:09:33 UTC
From: David
Topic: 2549 Message: 2549

Hi everyone just joined, I live in the mountains of central Portugal & have a 525 which is connected to a longwire about 60 metres long with a MLB & coax into the house.
I am using the line out into a valve sterio pre amp using both chanels as two mono inputs shared, then into a sterio amp & a pair of 2 way speakers the amps are run from a car battery & Im trying to get a DC lead for the 525 after reading some of the posts, I tried to get one from America as per one post but they said they wouldn't send outside the US.
Best Wishes from Portugal
David

2550. NRD-535D parts available on ebay now

Yahoo group: nrd-525-535
Date: 2011-08-23 01:22:19 UTC
From: John
Topic: 2550 Message: 2550

Hi all

Just to let you know, there are some NRD-535D parts on Ebay for sale.

It looks like a a complete 535 is being parted out.

I have grabbed a few parts already.

Sorry for not telling you earlier, I wanted those parts and extra bidding would have only made them more expensive for me.

AHve a nice day.

Regards John

2551. Re: [nrd-525-535] NRD-535D parts available on ebay now

Yahoo group: nrd-525-535
Date: 2011-08-23 01:28:54 UTC
From: mparkinson1
Topic: 2550 Message: 2551

I figured you grabbed the front panel eh!!!!!
I could have used that for sure my is broken.
Matt Parkinson Military Equipment & R 390A Depot Center

2552. Re: [nrd-525-535] NRD-535D parts available on ebay now

Yahoo group: nrd-525-535
Date: 2011-08-23 01:57:30 UTC
From: B A
Topic: 2550 Message: 2552

*I also have a NRD 535D that I am goingg to part out. Most of it isw in good condition and everything I sell will be tested first if at all possible. I do not have it yet but will soon. If interested please email me at rma0100@.... Please do not respond as I may well miss it.
*
On Mon, Aug 22, 2011 at 8:22 PM, John <adams@...> wrote:

> **
>
>
> Hi all
>
> Just to let you know, there are some NRD-535D parts on Ebay for sale.
>
> It looks like a a complete 535 is being parted out.
>
> I have grabbed a few parts already.
>
> Sorry for not telling you earlier, I wanted those parts and extra bidding
> would have only made them more expensive for me.
>
> AHve a nice day.
>
> Regards John
>
>
>

--
Thanks !!!!,

Bob

2553. 535 DC Power Connector

Yahoo group: nrd-525-535
Date: 2011-08-23 20:46:46 UTC
From: muanait
Topic: 2553 Message: 2553

Hi to all in the group,

I have always used my NRD-535 powered by 220V AC. I don't have a DC Lead or connector. Is the DC power connector designed specifically for the 535 or is it common to other receivers/transceivers?

Thanks,
Batt

2554. Re: NRD-535D parts available on ebay now

Yahoo group: nrd-525-535
Date: 2011-08-23 23:23:49 UTC
From: John
Topic: 2550 Message: 2554

Hi Matt

No.
I bought the ECSS board as mine was badly hacked by a previous owner and it blew about a month ago.
I also bought the knobs and the feet, the tuning knob has a deep gouge across it and the feet are damaged. and I get a spare tuning knob rubber for the time when mine cracks and perishes.

So all the parts are going to bring my 535D back to spec.

I will be a happy person

Regards John

--- In nrd-525-535@yahoogroups.com, "mparkinson1" <mparkinson1@...> wrote:
>
> I figured you grabbed the front panel eh!!!!!
> I could have used that for sure my is broken.
> Matt Parkinson Military Equipment & R 390A Depot Center
>

2555. Re: NRD-535D parts available on ebay now

Yahoo group: nrd-525-535
Date: 2011-08-23 23:26:36 UTC
From: John
Topic: 2550 Message: 2555

Hi Bob

Place them on ebay with good photos.
Be very careful not to damage them with static, you won't feel a zap that will destroy a working board.

Regards John

--- In nrd-525-535@yahoogroups.com, B A <rma0100@...> wrote:
>
> *I also have a NRD 535D that I am goingg to part out. Most of it isw in
> good condition and everything I sell will be tested first if at all
> possible. I do not have it yet but will soon. If interested please email
> me at rma0100@... Please do not respond as I may well miss it.
> *
> On Mon, Aug 22, 2011 at 8:22 PM, John <adams@...> wrote:
>
> > **
> > >
> > >
> > Hi all
> > >
> > Just to let you know, there are some NRD-535D parts on Ebay for sale.
> > >
> > It looks like a a complete 535 is being parted out.
> > >
> > I have grabbed a few parts already.
> > >
> > Sorry for not telling you earlier, I wanted those parts and extra bidding
> > would have only made them more expensive for me.
> > >
> > AHve a nice day.
> > >
> > Regards John
> > >
> > >
> > >
>
>
>
> --
> Thanks !!!!,
>
> Bob
>

2556. Re: [nrd-525-535] 535 DC Power Connector

Yahoo group: nrd-525-535
Date: 2011-08-24 01:28:00 UTC
From: B A
Topic: 2553 Message: 2556

*It looks like a standard connector to me but you could always hardwire it inside or put almost any connector on it as long as it will handle about 1-2 amps which is what the radio draws.
*
On Tue, Aug 23, 2011 at 3:46 PM, muanait <breelane@...> wrote:

> **
>
>
> Hi to all in the group,
>
> I have always used my NRD-535 powered by 220V AC. I don't have a DC Lead or
> connector.
> Is the DC power connector designed specifically for the 535 or is it common
> to other receivers/transceivers?
>
> Thanks,
> Batt
>
>
>

--
Thanks !!!!,

Bob

2557. Re: 535 DC Power Connector

Yahoo group: nrd-525-535
Date: 2011-08-29 09:35:29 UTC
From: stuart
Topic: 2553 Message: 2557

batt look at message no 2521 from deevee8 it tells u the part no and who sells it

--- In nrd-525-535@yahoogroups.com, B A <rma0100@...> wrote:
>
> *It looks like a standard connector to me but you could always hardwire it
> inside or put almost any connector on it as long as it will handle about 1-2
> amps which is what the radio draws.
> *
> On Tue, Aug 23, 2011 at 3:46 PM, muanait <breelane@...> wrote:
>
> > **
> > >
> > >
> > > Hi to all in the group,
> > >
> > > I have always used my NRD-535 powered by 220V AC. I don't have a DC Lead or
> > > connector.
> > > Is the DC power connector designed specifically for the 535 or is it common
> > > to other receivers/transceivers?
> > >
> > > Thanks,
> > > Batt
> > >
> > >
> > >
> >
> >
> >
> > --
> > Thanks !!!!,
> >
> > Bob
> >

2558. Re: 535 DC Power Connector

Yahoo group: nrd-525-535
Date: 2011-08-29 10:57:30 UTC
From: muanait
Topic: 2553 Message: 2558

Many thanks to those who replied to my question about the DC connector.
I know now where to find one - and at a reasonable price. Thanks to Bob, David and Stuart and others who emailed direct.

Best wishes,
Batt

--- In nrd-525-535@yahoogroups.com, "stuart" <smason@...> wrote:
>
> batt look at message no 2521 from deevee8 it tells u the part no and who sells it
>
> --- In nrd-525-535@yahoogroups.com, B A <rma0100@> wrote:
> >
> > *It looks like a standard connector to me but you could always hardwire it
> > inside or put almost any connector on it as long as it will handle about 1-2
> > amps which is what the radio draws.
> > *
> > On Tue, Aug 23, 2011 at 3:46 PM, muanait <breelane@> wrote:
> >
> > > **
> > >
> > >
> > > Hi to all in the group,
> > >
> > > I have always used my NRD-535 powered by 220V AC. I don't have a DC Lead or
> > > connector.
> > > Is the DC power connector designed specifically for the 535 or is it common
> > > to other receivers/transceivers?
> > >
> > > Thanks,
> > > Batt
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> > >
> > >
> > >
> > --
> > Thanks !!!!,
> >
> > Bob
> >
>

2559. 535 DC Power Connector

Yahoo group: nrd-525-535
Date: 2011-08-30 01:53:42 UTC
From: Charles
Topic: 2553 Message: 2559

Batt

can you pass that information on to the rest of us that might need it? The replies that you
received did not show up here as far as I can tell and I'd be interested in knowing where
I can find a DC connector? Hope to hear from you Batt

Charlie

_____

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of muanait
Sent: Sunday, August 28, 2011 23:58
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: 535 DC Power Connector

Many thanks to those who replied to my question about the DC connector.
I know now where to find one - and at a reasonable price. Thanks to Bob, David and Stuart and others who emailed direct.

Best wishes,
Batt

--- In nrd-525-535@yahoogroups.com <mailto:nrd-525-535%40yahoogroups.com> , "stuart" <smason@...> wrote:
>
> batt look at message no 2521 from deevee8 it tells u the part no and who sells it
>
> --- In nrd-525-535@yahoogroups.com <mailto:nrd-525-535%40yahoogroups.com> , B A <rma0100@> wrote:
> >
> > *It looks like a standard connector to me but you could always hardwire it
> > inside or put almost any connector on it as long as it will handle about 1-2
> > amps which is what the radio draws.
> > *
> > On Tue, Aug 23, 2011 at 3:46 PM, muanait <breelane@> wrote:
> >
> > > **
> > >
> > >
> > > Hi to all in the group,
> > >

> > > I have always used my NRD-535 powered by 220V AC. I don't have a DC
Lead or
> > > connector.
> > > Is the DC power connector designed specifically for the 535 or is it
common
> > > to other receivers/transceivers?
> > >
> > > Thanks,
> > > Batt
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> >
> >
> > --
> > Thanks !!!!,
> >
> > Bob
> >
>

2560. Re: 535 DC Power Connector

Yahoo group: nrd-525-535
Date: 2011-08-29 19:02:59 UTC
From: muanait
Topic: 2553 Message: 2560

Hi Charlie,

The DC lead is produced by a company called Benelec based in Australia.

Stuart referred me to message number 2521 which also gives the part number for the lead. Part number is 10502. Costs $5. Plus postage. Stuart has bought one and once polarity is reversed it worked perfectly for him.

best wishes,
Batt

--- In nrd-525-535@yahoogroups.com, "Charles" <ka4prf@...> wrote:
>
> Batt
>
> can you pass that information on to the rest of us that might need it? The
> replies that you
> received did not show up here as far as I can tell and I'd be interested in
> knowing where
> I can find a DC connector? Hope to hear from you Batt
>
> Charlie
>
>
>
> _____
>
> From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On
> Behalf Of muanait
> Sent: Sunday, August 28, 2011 23:58
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] Re: 535 DC Power Connector
>
>
> Many thanks to those who replied to my question about the DC connector.
> I know now where to find one - and at a reasonable price. Thanks to Bob,
> David and Stuart and others who emailed direct.
>
> Best wishes,
> Batt
>
> --- In nrd-525-535@yahoogroups.com <mailto:nrd-525-535%40yahoogroups.com> ,
> "stuart" <smason@> wrote:
> >
> > batt look at message no 2521 from deevee8 it tells u the part no and who
> sells it

> >
> > --- In nrd-525-535@yahoogroups.com <mailto:nrd-525-535%40yahoogroups.com>
> , B A <rma0100@> wrote:
> > >
> > > *It looks like a standard connector to me but you could always hardwire
> it
> > > inside or put almost any connector on it as long as it will handle about
> 1-2
> > > amps which is what the radio draws.
> > > *
> > > On Tue, Aug 23, 2011 at 3:46 PM, muanait <breelane@> wrote:
> > >
> > > > **
> > > >
> > > >
> > > > Hi to all in the group,
> > > >
> > > > I have always used my NRD-535 powered by 220V AC. I don't have a DC
> Lead or
> > > > connector.
> > > > Is the DC power connector designed specifically for the 535 or is it
> common
> > > > to other receivers/transceivers?
> > > >
> > > > Thanks,
> > > > Batt
> > > >
> > > >
> > > >
> > >
> > >
> > >
> > > --
> > > Thanks !!!!,
> > >
> > > Bob
> > >
> >
>

2561. new control Software for NRD525 and 535 available

Yahoo group: nrd-525-535
Date: 2011-09-03 16:48:30 UTC
From: dfas_eu
Topic: 2561 Message: 2561

RX-Commander V5 in new Version available at:

http://hummer92.homeip.net/~hb9rxc/software.htm

Try it out. Is a great piece of software from Pietro. Still updated. If someone needs some functions implemented - write Pietro. He is a really nice guy and very helpfull.

2562. Getting the Noise Blanker correctly working and adjusted in the 535

Yahoo group: nrd-525-535
Date: 2011-09-08 02:14:14 UTC
From: John
Topic: 2562 Message: 2562

Hi All

In my 535 the NB (noise blanker) did very little.
Actually I used the tone knob fully counter clockwise to reduce the noise, with little effect.

Recently I bought a NOS 535DG, I wrote a little about it before. Its NB worked really well. I got to think that maybe it my 535 NB was not correctly adjusted.

I have a few advantages over most owners, I have a service manual (who doesn't) , I can read and understand the schematics (nothing special so far), I have a set of both extender boards, these cost a small fortune to buy but are worth having.

I followed the service manual and found a flaw in their adjustments, and besides not everyone has all the service gear to do it as they suggest.

The NB is adjusted on the IF filter board (CFH-36), it is the only one I needed to touch and with these altered adjustment procedures you do not need all the tools and the extender board.

DIsclaimer:
I take no responsibility for how you carry out this alignment and I am not responsible for any consequences following details.

First be aware static will destroy your receiver, so follow all static reduction procedures. If you do not know what I am writing about, do not start or learn about ESD procedures and how to deal with it.

Disconnect the power to the 535, turn on the 535 to discharge the caps.
Connect an external speaker.
Remove your 535 top case, do not forget to disconnect the speaker plug.
Carefully remove the IF filter board, find on it the RV1 and RV2, make a note where they are set at now.
Without an extender board, all the transformer adjustments T9,T10,T11 are impossible so lets hope they are not too far out, mine were fairly close to peak so time does not appears to causes them to change.
Turn RV1 fully CW (clockwise).
Carefully Reinstall the IF filter board.
Disconnect all antennas and keep them off.
Power up your 535. set it to:
AM, Wide filter, Tone fully CW, RF fully CW,NB fully CW, AF to a comfortable volume, 3.7MHz
Press the NB to select the first NB, the left led NB should lit.
If your 535 behaves they way mine did you should now have a lot on noise from the 535 when you pressed the NB button, if not turn the NB off and adjust the RV2 fully CCW (counter CW).
Press NB and the noise should be there, it is an over driven NB incorrectly phased.
Adjust RV2 so the noise disappears, you have just anti-phased the noise.

Switch between SSB and AM and do small adjustment to RV2 until you get the best results.

Disconnect the power and turn the power switch on to discharge the caps.

Remove the IF filter board and turn RV1 to about the 2 o'clock position.

Power up the 535 and turn off the NB, attach the antenna and go tune up some static noise on a band.
When you find the static noise, press the NB and adjust the NB knob to remove the static noise.

Thats it.
If you 535 is like mine your NB should be working very well.

Regards John

2563. Re: [nrd-525-535] Getting the Noise Blanker correctly working and adjusted in...

Yahoo group: nrd-525-535
Date: 2011-09-08 08:20:12 UTC
From: poldhu1901@aol.com
Topic: 2563 Message: 2563

Hi John

I'm trying to understand what the flaw might be in the NRD535 service manual with regards to the noise blanker adjustments but am having a few problems with that, especially as you don't provide any actual details of what you found.

Just because the noise blanker on your receiver was not working as expected does not mean it left the JRC factory that way, the world is full of so called "rig doctors" and "screwdriver mechanics" who are more than happy to dive in without your obvious high level of understanding.

It would seem that you've identified a quick fix that may or may not have left your noise blanker optimally adjusted even though significantly better than it was, nothing wrong with that if it does the job and thanks for sharing it, but could you tell us please in what way you found the JRC recommended procedure to be flawed?

regards

Nigel
GM8PZR

In a message dated 08/09/2011 03:14:18 GMT Daylight Time,
adams@... writes:

Hi All

In my 535 the NB (noise blanker) did very little.
Actually I used the tone knob fully counter clockwise to reduce the noise, with little effect.

Recently I bought a NOS 535DG, I wrote a little about it before. Its NB worked really well.
I got to think that maybe it my 535 NB was not correctly adjusted.

I have a few advantages over most owners, I have a service manual (who doesn't) , I can read and understand the schematics (nothing special so far), I have a set of both extender boards, these cost a small fortune to buy but are worth having.

I followed the service manual and found a flaw in their adjustments, and besides not everyone has all the service gear to do it as they suggest.

The NB is adjusted on the IF filter board (CFH-36), it is the only one I needed to touch and with these altered adjustment procedures you do not need

all the tools and the extender board.

DIsclaimer:
I take no responsibility for how you carry out this alignment and I am not responsible for any consequences following details.

First be aware static will destroy your receiver, so follow all static reduction procedures. If you do not know what I am writing about, do not start or learn about ESD procedures and how to deal with it.

Disconnect the power to the 535, turn on the 535 to discharge the caps.
Connect an external speaker.
Remove your 535 top case, do not forget to disconnect the speaker plug.
Carefully remove the IF filter board, find on it the RV1 and RV2, make a note where they are set at now.
Without an extender board, all the transformer adjustments T9,T10,T11 are impossible so lets hope they are not too far out, mine were fairly close to peak so time does not appears to causes them to change.
Turn RV1 fully CW (clockwise).
Carefully Reinstall the IF filter board.
Disconnect all antennas and keep them off.
Power up your 535. set it to:
AM, Wide filter, Tone fully CW, RF fully CW,NB fully CW, AF to a comfortable volume, 3.7MHz
Press the NB to select the first NB, the left led NB should lit.
If your 535 behaves they way mine did you should now have a lot on noise from the 535 when you pressed the NB button, if not turn the NB off and adjust the RV2 fully CCW (counter CW).
Press NB and the noise should be there, it is an over driven NB incorrectly phased.
Adjust RV2 so the noise disappears, you have just anti-phased the noise.
Switch between SSB and AM and do small adjustment to RV2 until you get the best results.

Disconnect the power and turn the power switch on to discharge the caps.

Remove the IF filter board and turn RV1 to about the 2 o'clock position.

Power up the 535 and turn off the NB, attach the antenna and go tune up some static noise on a band.
When you find the static noise, press the NB and adjust the NB knob to remove the static noise.

Thats it.
If you 535 is like mine your NB should be working very well.

Regards John

2564. Re: [nrd-525-535] Getting the Noise Blanker correctly working and adjusted in...

Yahoo group: nrd-525-535
Date: 2011-09-08 13:41:29 UTC
From: kkyahoo
Topic: 2563 Message: 2564

Nigel,

Interestingly, the NRD535 NB alignment procedure is different from the 525. The 535 procedure misses out the setting up of RV1 which is to be monitored at TP4 with a large heavily modulated AM signal at the ant socket. This adjustment stops the NB triggering on AM mod peaks and RV1 is backed off to the point that the blanker stops blanking when the NB knob is turned fully clockwise.

Kevin

----- Original Message -----
From: poldhu1901@...
To: nrd-525-535@yahoogroups.com
Sent: Thursday, September 08, 2011 9:20 AM
Subject: Re: [nrd-525-535] Getting the Noise Blanker correctly working and adjusted in...

Hi John

I'm trying to understand what the flaw might be in the NRD535 service manual with regards to the noise blanker adjustments but am having a few problems with that, especially as you don't provide any actual details of what you found.

Just because the noise blanker on your receiver was not working as expected does not mean it left the JRC factory that way, the world is full of so called "rig doctors" and "screwdriver mechanics" who are more than happy to dive in without your obvious high level of understanding.

It would seem that you've identified a quick fix that may or may not have left your noise blanker optimally adjusted even though significantly better than it was, nothing wrong with that if it does the job and thanks for sharing it, but could you tell us please in what way you found the JRC recommended procedure to be flawed?

regards

Nigel
GM8PZR

In a message dated 08/09/2011 03:14:18 GMT Daylight Time, adams@... writes:

Hi All

In my 535 the NB (noise blanker) did very little.
Actually I used the tone knob fully counter clockwise to reduce the noise, with little effect.

Recently I bought a NOS 535DG, I wrote a little about it before. Its NB worked really well. I got to think that maybe it my 535 NB was not correctly adjusted.

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I followed the service manual and found a flaw in their adjustments, and besides not everyone has all the service gear to do it as they suggest.

The NB is adjusted on the IF filter board (CFH-36), it is the only one I needed to touch and with these altered adjustment procedures you do not need all the tools and the extender board.

DIsclaimer:
I take no responsibility for how you carry out this alignment and I am not responsible for any consequences following details.

First be aware static will destroy your receiver, so follow all static reduction procedures. If you do not know what I am writing about, do not start or learn about ESD procedures and how to deal with it.

Disconnect the power to the 535, turn on the 535 to discharge the caps.
Connect an external speaker.
Remove your 535 top case, do not forget to disconnect the speaker plug.
Carefully remove the IF filter board, find on it the RV1 and RV2, make a note where they are set at now.
Without an extender board, all the transformer adjustments T9,T10,T11 are impossible so lets hope they are not too far out, mine were fairly close to peak so time does not appears to causes them to change.
Turn RV1 fully CW (clockwise).
Carefully Reinstall the IF filter board.
Disconnect all antennas and keep them off.
Power up your 535. set it to:
AM, Wide filter, Tone fully CW, RF fully CW,NB fully CW, AF to a comfortable volume, 3.7MHz
Press the NB to select the first NB, the left led NB should lit.
If your 535 behaves they way mine did you should now have a lot on noise from the 535 when you pressed the NB button, if not turn the NB off and adjust the RV2 fully CCW (counter CW).
Press NB and the noise should be there, it is an over driven NB incorrectly phased.
Adjust RV2 so the noise disappears, you have just anti-phased the noise.
Switch between SSB and AM and do small adjustment to RV2 until you get the best results.

Disconnect the power and turn the power switch on to discharge the caps.

Remove the IF filter board and turn RV1 to about the 2 o'clock position.

Power up the 535 and turn off the NB, attach the antenna and go tune up some static noise on a band.
When you find the static noise, press the NB and adjust the NB knob to remove the static noise.

Thats it.
If you 535 is like mine your NB should be working very well.

Regards John

2565. Re: Getting the Noise Blanker correctly working and adjusted in the 535

Yahoo group: nrd-525-535
Date: 2011-09-08 13:42:14 UTC
From: dfas_eu
Topic: 2562 Message: 2565

Hi John,

thanks for the Info. Adjusted mine (both) and they work like you said. Before I had poor NB - now just unbelievable. I am glad YOU got this NRD535DG and WE can benefit from your findings :-) .

Can you do me a favour and check and see what EEPROM Version this 535 got installed? Since it was one of the last once it should have the lates EEPROM installed in it. I just upgraded mine to REV. H (Thanks to Pietro which provided the EEPROMS to me). Wonder if there is a newer one than "H" installed there.

Thanks

Harry

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Hi All
>
> In my 535 the NB (noise blanker) did very little.
> Actually I used the tone knob fully counter clockwise to reduce the noise, with little effect.
>
> Recently I bought a NOS 535DG, I wrote a little about it before. Its NB worked really well.
> I got to think that maybe it my 535 NB was not correctly adjusted.
>
> I have a few advantages over most owners, I have a service manual (who doesn't) , I can read and understand the schematics (nothing special so far), I have a set of both extender boards, these cost a small fortune to buy but are worth having.
>
> I followed the service manual and found a flaw in their adjustments, and besides not everyone has all the service gear to do it as they suggest.
>
> The NB is adjusted on the IF filter board (CFH-36), it is the only one I needed to touch and with these altered adjustment procedures you do not need all the tools and the extender board.
>
> DIsclaimer:
> I take no responsibility for how you carry out this alignment and I am not responsible for any consequences following details.
>
> First be aware static will destroy your receiver, so follow all static reduction procedures. If you do not know what I am writing about, do not start or learn about ESD procedures and how to deal with it.
>

> Disconnect the power to the 535, turn on the 535 to discharge the caps.
> Connect an external speaker.
> Remove your 535 top case, do not forget to disconnect the speaker plug.
> Carefully remove the IF filter board, find on it the RV1 and RV2, make a note where they are set at now.
> Without an extender board, all the transformer adjustments T9,T10,T11 are impossible so lets hope they are not too far out, mine were fairly close to peak so time does not appears to causes them to change.
> Turn RV1 fully CW (clockwise).
> Carefully Reinstall the IF filter board.
> Disconnect all antennas and keep them off.
> Power up your 535. set it to:
> AM, Wide filter, Tone fully CW, RF fully CW,NB fully CW, AF to a comfortable volume, 3.7MHz
> Press the NB to select the first NB, the left led NB should lit.
> If your 535 behaves they way mine did you should now have a lot on noise from the 535 when you pressed the NB button, if not turn the NB off and adjust the RV2 fully CCW (counter CW).
> Press NB and the noise should be there, it is an over driven NB incorrectly phased.
> Adjust RV2 so the noise disappears, you have just anti-phased the noise.
> Switch between SSB and AM and do small adjustment to RV2 until you get the best results.
>
> Disconnect the power and turn the power switch on to discharge the caps.
>
> Remove the IF filter board and turn RV1 to about the 2 o'clock position.
>
> Power up the 535 and turn off the NB, attach the antenna and go tune up some static noise on a band.
> When you find the static noise, press the NB and adjust the NB knob to remove the static noise.
>
> Thats it.
> If you 535 is like mine your NB should be working very well.
>
> Regards John
>

2566. Re: Getting the Noise Blanker correctly working and adjusted in the 535

Yahoo group: nrd-525-535
Date: 2011-09-10 14:11:21 UTC
From: John
Topic: 2562 Message: 2566

Hi Harry

The flaw in the original JRC adjustment was that when I followed their instructions the NB was not much better. It took about a hour of going back and forth through the JRC instructions and then trying a few variations, please remember that what I wanted was that everyones NB's to work and not just mine. I wanted to come up with a procedure that anyone without access to the tools I used to get the same result.

The NB can now remove >S9 of TV CRT noise below 200KHz

I also have a switch that turns off the display fitted, it is great that I get NO display RFI when DX in the MW and below bands. I ended with a switch because the electronic relay turned the display off and on when I ran the display diagnostics test, 9999999

The 535DG has a Rev H eprom and my 535D has a Rev D

Regards John

--- In nrd-525-535@yahoogroups.com, "dfas_eu" <dfas-eu@...> wrote:
>
> Hi John,
>
> thanks for the Info. Adjusted mine (both) and they work like you said. Before I had poor NB - now just unbelievable. I am glad YOU got this NRD535DG and WE can benefit from your findings :-) .
>
> Can you do me a favour and check and see what EEPROM Version this 535 got installed? Since it was one of the last once it should have the lates EEPROM installed in it. I just upgraded mine to REV. H (Thanks to Pietro which provided the EEPROMS to me). Wonder if there is a newer one than "H" installed there.
>
> Thanks
>
> Harry
>
>
> --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> >
> > Hi All
> >
> > In my 535 the NB (noise blanker) did very little.
> > Actually I used the tone knob fully counter clockwise to reduce the noise, with little effect.
> >
> > Recently I bought a NOS 535DG, I wrote a little about it before. Its NB worked really well.

> > I got to think that maybe it my 535 NB was not correctly adjusted.
> >
> > I have a few advantages over most owners, I have a service manual (who doesn't) , I can read and understand the schematics (nothing special so far), I have a set of both extender boards, these cost a small fortune to buy but are worth having.
> >
> > I followed the service manual and found a flaw in their adjustments, and besides not everyone has all the service gear to do it as they suggest.
> >
> > The NB is adjusted on the IF filter board (CFH-36), it is the only one I needed to touch and with these altered adjustment procedures you do not need all the tools and the extender board.
> >
> > DIsclaimer:
> > I take no responsibility for how you carry out this alignment and I am not responsible for any consequences following details.
> >
> > First be aware static will destroy your receiver, so follow all static reduction procedures. If you do not know what I am writing about, do not start or learn about ESD procedures and how to deal with it.
> >
> > Disconnect the power to the 535, turn on the 535 to discharge the caps.
> > Connect an external speaker.
> > Remove your 535 top case, do not forget to disconnect the speaker plug.
> > Carefully remove the IF filter board, find on it the RV1 and RV2, make a note where they are set at now.
> > Without an extender board, all the transformer adjustments T9,T10,T11 are impossible so lets hope they are not too far out, mine were fairly close to peak so time does not appears to causes them to change.
> > Turn RV1 fully CW (clockwise).
> > Carefully Reinstall the IF filter board.
> > Disconnect all antennas and keep them off.
> > Power up your 535. set it to:
> > AM, Wide filter, Tone fully CW, RF fully CW,NB fully CW, AF to a comfortable volume, 3.7MHz
> > Press the NB to select the first NB, the left led NB should lit.
> > If your 535 behaves they way mine did you should now have a lot on noise from the 535 when you pressed the NB button, if not turn the NB off and adjust the RV2 fully CCW (counter CW).
> > Press NB and the noise should be there, it is an over driven NB incorrectly phased.
> > Adjust RV2 so the noise disappears, you have just anti-phased the noise.
> > Switch between SSB and AM and do small adjustment to RV2 until you get the best results.
> >
> > Disconnect the power and turn the power switch on to discharge the caps.
> >
> > Remove the IF filter board and turn RV1 to about the 2 o'clock position.
> >
> > Power up the 535 and turn off the NB, attach the antenna and go tune up some static noise on a band.

> > When you find the static noise, press the NB and adjust the NB knob to remove the static noise.
> >
> > Thats it.
> > If you 535 is like mine your NB should be working very well.
> >
> > Regards John
> >
>

2567. Re: [nrd-525-535] Re: Getting the Noise Blanker correctly working and adjusted in the 535

Yahoo group: nrd-525-535
Date: 2011-09-10 15:43:02 UTC
From: kkyahoo
Topic: 2562 Message: 2567

John,

Did you use the auto keyer when you tried to adjust the NB as per the 535 service manual?

Kevin

----- Original Message -----
From: John
To: nrd-525-535@yahoogroups.com
Sent: Saturday, September 10, 2011 3:11 PM
Subject: [nrd-525-535] Re: Getting the Noise Blanker correctly working and adjusted in the 535

Hi Harry

The flaw in the original JRC adjustment was that when I followed their instructions the NB was not much better. It took about a hour of going back and forth through the JRC instructions and then trying a few variations, please remember that what I wanted was that everyones NB's to work and not just mine. I wanted to come up with a procedure that anyone without access to the tools I used to get the same result.

The NB can now remove >S9 of TV CRT noise below 200KHz

I also have a switch that turns off the display fitted, it is great that I get NO display RFI when DX in the MW and below bands. I ended with a switch because the electronic relay turned the display off and on when I ran the display diagnostics test, 9999999

The 535DG has a Rev H eprom and my 535D has a Rev D

Regards John

--- In nrd-525-535@yahoogroups.com, "dfas_eu" <dfas-eu@...> wrote:
>
> Hi John,
>
> thanks for the Info. Adjusted mine (both) and they work like you said. Before I had poor NB - now just unbelievable. I am glad YOU got this NRD535DG and WE can benefit from your findings :-) .
>
> Can you do me a favour and check and see what EEPROM Version this 535 got installed? Since it was one of the last once it should have the lates EEPROM installed in it. I just upgraded mine to REV. H (Thanks to Pietro which provided the EEPROMS to me). Wonder if there is a newer one than "H" installed there.
>
> Thanks
>

> Harry
>
>
> --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> >
> > Hi All
> >
> > In my 535 the NB (noise blanker) did very little.
> > Actually I used the tone knob fully counter clockwise to reduce the noise, with little effect.
> >
> > Recently I bought a NOS 535DG, I wrote a little about it before. Its NB worked really well.
> > I got to think that maybe it my 535 NB was not correctly adjusted.
> >
> > I have a few advantages over most owners, I have a service manual (who doesn't) , I can read and understand the schematics (nothing special so far), I have a set of both extender boards, these cost a small fortune to buy but are worth having.
> >
> > I followed the service manual and found a flaw in their adjustments, and besides not everyone has all the service gear to do it as they suggest.
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> > The NB is adjusted on the IF filter board (CFH-36), it is the only one I needed to touch and with these altered adjustment procedures you do not need all the tools and the extender board.
> >
> > DIsclaimer:
> > I take no responsibility for how you carry out this alignment and I am not responsible for any consequences following details.
> >
> > First be aware static will destroy your receiver, so follow all static reduction procedures. If you do not know what I am writing about, do not start or learn about ESD procedures and how to deal with it.
> >
> > Disconnect the power to the 535, turn on the 535 to discharge the caps.
> > Connect an external speaker.
> > Remove your 535 top case, do not forget to disconnect the speaker plug.
> > Carefully remove the IF filter board, find on it the RV1 and RV2, make a note where they are set at now.
> > Without an extender board, all the transformer adjustments T9,T10,T11 are impossible so lets hope they are not too far out, mine were fairly close to peak so time does not appears to causes them to change.
> > Turn RV1 fully CW (clockwise).
> > Carefully Reinstall the IF filter board.
> > Disconnect all antennas and keep them off.
> > Power up your 535. set it to:
> > AM, Wide filter, Tone fully CW, RF fully CW,NB fully CW, AF to a comfortable volume, 3.7MHz
> > Press the NB to select the first NB, the left led NB should lit.
> > If your 535 behaves they way mine did you should now have a lot on noise from the 535

when you pressed the NB button, if not turn the NB off and adjust the RV2 fully CCW (counter CW).
> > Press NB and the noise should be there, it is an over driven NB incorrectly phased.
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> > Switch between SSB and AM and do small adjustment to RV2 until you get the best results.
> >
> > Disconnect the power and turn the power switch on to discharge the caps.
> >
> > Remove the IF filter board and turn RV1 to about the 2 o'clock position.
> >
> > Power up the 535 and turn off the NB, attach the antenna and go tune up some static noise on a band.
> > When you find the static noise, press the NB and adjust the NB knob to remove the static noise.
> >
> > Thats it.
> > If you 535 is like mine your NB should be working very well.
> >
> > Regards John
> >
>

2568. Re: Getting the Noise Blanker correctly working and adjusted in the 535

Yahoo group: nrd-525-535
Date: 2011-09-11 08:49:34 UTC
From: John
Topic: 2562 Message: 2568

Hi Kevin

Yes.

Regards John

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> John,
>
> Did you use the auto keyer when you tried to adjust the NB as per the 535 service manual?
>
> Kevin
>
>
> ----- Original Message -----
> From: John
> To: nrd-525-535@yahoogroups.com
> Sent: Saturday, September 10, 2011 3:11 PM
> Subject: [nrd-525-535] Re: Getting the Noise Blanker correctly working and adjusted in the 535
>
>
>
> Hi Harry
>
> The flaw in the original JRC adjustment was that when I followed their instructions the NB was not much better. It took about a hour of going back and forth through the JRC instructions and then trying a few variations, please remember that what I wanted was that everyones NB's to work and not just mine. I wanted to come up with a procedure that anyone without access to the tools I used to get the same result.
>
> The NB can now remove >S9 of TV CRT noise below 200KHz
>
> I also have a switch that turns off the display fitted, it is great that I get NO display RFI when DX in the MW and below bands. I ended with a switch because the electronic relay turned the display off and on when I ran the display diagnostics test, 9999999
>
> The 535DG has a Rev H eprom and my 535D has a Rev D
>
> Regards John
>
> --- In nrd-525-535@yahoogroups.com, "dfas_eu" <dfas-eu@> wrote:
> >
> > Hi John,
> >

> > thanks for the Info. Adjusted mine (both) and they work like you said. Before I had poor NB - now just unbelievable. I am glad YOU got this NRD535DG and WE can benefit from your findings :-) .
> >
> > Can you do me a favour and check and see what EEPROM Version this 535 got installed? Since it was one of the last once it should have the lates EEPROM installed in it. I just upgraded mine to REV. H (Thanks to Pietro which provided the EEPROMS to me). Wonder if there is a newer one than "H" installed there.
> >
> > Thanks
> >
> > Harry
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> > >
> > > Hi All
> > >
> > > In my 535 the NB (noise blanker) did very little.
> > > Actually I used the tone knob fully counter clockwise to reduce the noise, with little effect.
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> > > I got to think that maybe it my 535 NB was not correctly adjusted.
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> > > I have a few advantages over most owners, I have a service manual (who doesn't) , I can read and understand the schematics (nothing special so far), I have a set of both extender boards, these cost a small fortune to buy but are worth having.
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> > > DIsclaimer:
> > > I take no responsibility for how you carry out this alignment and I am not responsible for any consequences following details.
> > >
> > > First be aware static will destroy your receiver, so follow all static reduction procedures. If you do not know what I am writing about, do not start or learn about ESD procedures and how to deal with it.
> > >
> > > Disconnect the power to the 535, turn on the 535 to discharge the caps.
> > > Connect an external speaker.
> > > Remove your 535 top case, do not forget to disconnect the speaker plug.
> > > Carefully remove the IF filter board, find on it the RV1 and RV2, make a note where they are set at now.

> > > Without an extender board, all the transformer adjustments T9,T10,T11 are impossible so lets hope they are not too far out, mine were fairly close to peak so time does not appears to causes them to change.
> > > Turn RV1 fully CW (clockwise).
> > > Carefully Reinstall the IF filter board.
> > > Disconnect all antennas and keep them off.
> > > Power up your 535. set it to:
> > > AM, Wide filter, Tone fully CW, RF fully CW,NB fully CW, AF to a comfortable volume, 3.7MHz
> > > Press the NB to select the first NB, the left led NB should lit.
> > > If your 535 behaves they way mine did you should now have a lot on noise from the 535 when you pressed the NB button, if not turn the NB off and adjust the RV2 fully CCW (counter CW).
> > > Press NB and the noise should be there, it is an over driven NB incorrectly phased.
> > > Adjust RV2 so the noise disappears, you have just anti-phased the noise.
> > > Switch between SSB and AM and do small adjustment to RV2 until you get the best results.
> > >
> > > Disconnect the power and turn the power switch on to discharge the caps.
> > >
> > > Remove the IF filter board and turn RV1 to about the 2 o'clock position.
> > >
> > > Power up the 535 and turn off the NB, attach the antenna and go tune up some static noise on a band.
> > > When you find the static noise, press the NB and adjust the NB knob to remove the static noise.
> > >
> > > Thats it.
> > > If you 535 is like mine your NB should be working very well.
> > >
> > > Regards John
> > >
> >
>

2569. New member here

Yahoo group: nrd-525-535
Date: 2011-09-11 18:28:18 UTC
From: kloo1063
Topic: 2569 Message: 2569

Hello,

I just recently bought a used 535d. It is an earlier production model with the BWC that works only with SSB and INTER. I'd like to have it be able to work on AM. Do I need the CFL243 or whatever is used in the late production unitsm or shall I just let it go?

Regards, Dan

2570. Re: [nrd-525-535] New member here

Yahoo group: nrd-525-535
Date: 2011-09-11 23:34:30 UTC
From: poldhu1901@aol.com
Topic: 2569 Message: 2570

In a message dated 11/09/2011 19:28:23 GMT Daylight Time,
dcsp157@... writes:

I just recently bought a used 535d. It is an earlier production model with
the BWC that works only with SSB and INTER. I'd like to have it be able to
work on AM. Do I need the CFL243 or whatever is used in the late
production unitsm or shall I just let it go?

Hi Dan

Congratulations on your 535D purchase, and welcome to the group.

As your bandwidth control is working you already have the CFL243 fitted but
you would need to replace that with the later CFL243W in order to use it
on AM, and to also update your firmware Eproms to at least the D version if
that's not already been done.

As a quick check, just in case there's something else causing your problem,
the crystal filter on the CFL243 is a 6XMJD00132A and the filter on the
CFL243W is a 6XMJD00144.

Another option, assuming the parts are still available, might be to modify
your existing CFL243 by replacing the crystal filter as per the comments
I've included below, which I've copied from Paul Lannuier's NRD535 web page
at....
http://www.lannuier.com/ww2pt/page.cfm?content=nrd535
(http://www.lannuier.com/ww2pt/page.cfm?content=nrd535)

regards

Nigel
GM8PZR

NRD-535D IF Filter, BWC and Firmware Upgrades (or: What's an NRD-535Db?)

The NRD-535D (the "D" model included ECSS, BWC and 1 kHz crystal filter
options factory-installed) was released in the North America market in 1991 -
I don't recall the exact date of first delivery but my records show that
orders were being accepted in January 1991. In short time it became obvious
that certain modifications were necessary, most notably:
* Variable Bandwidth Control (BWC): Originally designed for the
JST-135 transceiver, it only worked in SSB/RTTY/CW modes and only with the
intermediate (2.2 kHz) mechanical filter. It needed to be enabled in AM mode
and made to work with the wide filter.
* Wide Filter: The standard Murata CLF-D6 filter (around 8 kHz @

-6dB) was a step backwards from the CLF-D6S which was used in the NRD-525 and earlier JRC receivers which was spec'd at 5.7 kHz @ -6dB (8.7 kHz @ -60dB);
. The '535 needed to switch back to the D6S.
* Computer Interface: Some commands behaved badly, others needed to be added to keep the software developers here in the States happy.
At my urging the factory incorporated these changes into production runs starting with NRD-535 serial no. BR56005. To differentiate this improved model from older units, Dick Robinson at Electronic Equipment Bank (Vienna, VA) decided to add the "b" designator in his ads and catalog listings for the NRD-535D. It was never an official JRC designation, but the terminology was adopted by NRD-535D users and continues to this day on various JRC-related reflectors and online groups.
Owners of NRD-535D receivers older than BR56005 were offered an upgrade kit which included a CLF-D6S filter, a new crystal filter for the CLF-243 BWC board, and a new set of EPROMs (version "D") updated the receivers firmware to enable the BWC to work correctly in AM mode and with the CLF-D6S and included several bug fixes, and implemented several fixes and additions to the RS-232C interface command set.
The upgraded BWC board was designated CLF-243W ("W" for wide) in units with serial numbers BR56005 and later; the easiest way to tell if an original NRD-535D has been upgraded is to simply see if the BWC works with the wide filter in the AM mode; if it does, then the upgrade kit was installed. I am not sure whether JRC still offers the NRD-535 upgrade kit; I suggest contacting _Universal Radio_ (http://www.rffun.com/) in Ohio for further info.

2571. Modified NRD-515

Yahoo group: nrd-525-535
Date: 2011-09-12 00:31:23 UTC
From: hstate5964
Topic: 2571 Message: 2571

I recently obtained a JRC NRD-515 that has been modified with the following filters, 400 hz Sherwood, 1.9 Khz Collins mechanical, 2.9 Khz Collins mechanical, 3.8 Collins mechanical, 6.0 Khz JRC stock filter and a 8 Khz Murata ceramic. The attenuation network below 1.6 Mhz has been removed and the results are fabulous. It also has the Sherwood IF audio buffer board and the audio is very nice. Presently it is used with a Timewave DSP 599ZX audio filter and it works quite well, especially since the 515 noise blanker/limiter is useless and it has no notch filter. The Collins 1.9 mechanical filter has more audio recovery than I would have believed from such a narrow filter and really is a great AM DX filter.

I've been dx'ing since 1957 and have uses many different receivers over the years mostly tube receivers, R-390. R-390A and SP-600's just to name a few. This receiver is very nice when compared to other JRC receivers I have owned, such as the NRD-525, 535, 535D and 545. It even compares favorably with a Drake R8B, and others of that era.

Les Locklear
Gulfport, Ms.

2572. Re: [nrd-525-535] Re: Getting the Noise Blanker correctly working and adjusted in the 535

Yahoo group: nrd-525-535
Date: 2011-09-12 07:31:52 UTC
From: kkyahoo
Topic: 2562 Message: 2572

John,

I tried your method and found that the null point wasn't so well defined. However if you run a short wire into the High Z antenna socket and position the wire close to a "wall wart", go into am mode, select a frequency around 2-300kHz, you will have a good source of spikes to set up the NB. The RV2 null is then very marked. I should add that the wall wart should be a transformer based one, containing a couple of rectifier diodes that are not too well suppressed.

Incidently RV1 on both my 535s was set to maximum as per the svc manual. For the 525 NB setup RV1 is backed off. The routine in the SVC manual seems perfectly ok to me.

I am sure that the noise blanker performance can be improved by playing with the blanking periods, NB2 is too long, and NB1 feels like it is too short as the the best blanking action only seems to occur on very short spikes. You only have to play with an Icom 7600 NB, where you can vary NB level, depth, and width, to see how fine tuning a NB can yield appreciable improvements,

Kevin
----- Original Message -----
From: John
To: nrd-525-535@yahoogroups.com
Sent: Sunday, September 11, 2011 9:49 AM
Subject: [nrd-525-535] Re: Getting the Noise Blanker correctly working and adjusted in the 535

Hi Kevin

Yes.

Regards John

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> John,
>
> Did you use the auto keyer when you tried to adjust the NB as per the 535 service manual?
>
> Kevin
>
>
> ----- Original Message -----
> From: John
> To: nrd-525-535@yahoogroups.com
> Sent: Saturday, September 10, 2011 3:11 PM

> Subject: [nrd-525-535] Re: Getting the Noise Blanker correctly working and adjusted in the 535
>
>
>
> Hi Harry
>
> The flaw in the original JRC adjustment was that when I followed their instructions the NB was not much better. It took about a hour of going back and forth through the JRC instructions and then trying a few variations, please remember that what I wanted was that everyones NB's to work and not just mine. I wanted to come up with a procedure that anyone without access to the tools I used to get the same result.
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> The NB can now remove >S9 of TV CRT noise below 200KHz
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> The 535DG has a Rev H eprom and my 535D has a Rev D
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> Regards John
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> --- In nrd-525-535@yahoogroups.com, "dfas_eu" <dfas-eu@> wrote:
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> > Hi John,
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> > thanks for the Info. Adjusted mine (both) and they work like you said. Before I had poor NB - now just unbelievable. I am glad YOU got this NRD535DG and WE can benefit from your findings :-) .
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> > Can you do me a favour and check and see what EEPROM Version this 535 got installed? Since it was one of the last once it should have the lates EEPROM installed in it. I just upgraded mine to REV. H (Thanks to Pietro which provided the EEPROMS to me). Wonder if there is a newer one than "H" installed there.
> >
> > Thanks
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> > Harry
> >
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> > --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> > >
> > > Hi All
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> > > I take no responsibility for how you carry out this alignment and I am not responsible for any consequences following details.
> > >
> > > First be aware static will destroy your receiver, so follow all static reduction procedures. If you do not know what I am writing about, do not start or learn about ESD procedures and how to deal with it.
> > >
> > > Disconnect the power to the 535, turn on the 535 to discharge the caps.
> > > Connect an external speaker.
> > > Remove your 535 top case, do not forget to disconnect the speaker plug.
> > > Carefully remove the IF filter board, find on it the RV1 and RV2, make a note where they are set at now.
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> > > Turn RV1 fully CW (clockwise).
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> > > AM, Wide filter, Tone fully CW, RF fully CW,NB fully CW, AF to a comfortable volume, 3.7MHz
> > > Press the NB to select the first NB, the left led NB should lit.
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> > > Remove the IF filter board and turn RV1 to about the 2 o'clock position.
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> > > Power up the 535 and turn off the NB, attach the antenna and go tune up some static noise on a band.

> > > When you find the static noise, press the NB and adjust the NB knob to remove the static noise.
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> > > Thats it.
> > > If you 535 is like mine your NB should be working very well.
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> > > Regards John
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> >
>

2573. Re: Getting the Noise Blanker correctly working and adjusted in the 535

Yahoo group: nrd-525-535
Date: 2011-09-13 01:10:35 UTC
From: John
Topic: 2562 Message: 2573

Hi Kevin

Thats the sort of instructions that will help this user group.
As you know very few of us have test equipment so a simple process using commonly available items will let other adjust there receivers for better results.
If you have any other suggestion for simple alignment processes please tell us.

Do you have a high stability crystal installed? I have and I found my 535 drifts within a few hours after setting it correctly. Yes I know about letting the set heat up and stabilise its voltages and temperatures. It would appear that the trimmer caps are faulty, the NRD-545 uses a similar cap where it causes problems. have you or anyone else experienced the not correctable drift. it is not a lot maybe about 50 to 100 Hz.

I just replaced my ECSS board with a older completely sock standard non modified ECSS board and found getting to to lock was a bit more difficult than my original ECSS board. In this case following the service manual lead me astray as there are 2x 4.5v locations on the VCO pot, one works one does not and the one that works is a real cliff hanger of a setting, the smallest adjustment wrong and it is completely wrong, there is no half way.
I can see why others have had problems setting the ECSS correctly.

I will write up the ECSS instructions later.

Regards John

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> John,
>
> I tried your method and found that the null point wasn't so well defined. However if you run a short wire into the High Z antenna socket and position the wire close to a "wall wart", go into am mode, select a frequency around 2-300kHz, you will have a good source of spikes to set up the NB. The RV2 null is then very marked. I should add that the wall wart should be a transformer based one, containing a couple of rectifier diodes that are not too well suppressed.
>
> Incidently RV1 on both my 535s was set to maximum as per the svc manual. For the 525 NB setup RV1 is backed off. The routine in the SVC manual seems perfectly ok to me.
>
> I am sure that the noise blanker performance can be improved by playing with the blanking periods, NB2 is too long, and NB1 feels like it is too short as the the best blanking action only seems to occur on very short spikes. You only have to play with an Icom 7600 NB, where you can vary NB level, depth, and width, to see how fine tuning a NB can yield appreciable improvements,
>
> Kevin
> ----- Original Message -----

> From: John
> To: nrd-525-535@yahoogroups.com
> Sent: Sunday, September 11, 2011 9:49 AM
> Subject: [nrd-525-535] Re: Getting the Noise Blanker correctly working and adjusted in the 535
>
>
>
> Hi Kevin
>
> Yes.
>
> Regards John
>
> --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> >
> > John,
> >
> > Did you use the auto keyer when you tried to adjust the NB as per the 535 service manual?
> >
> > Kevin
> >
> >
> > ----- Original Message -----
> > From: John
> > To: nrd-525-535@yahoogroups.com
> > Sent: Saturday, September 10, 2011 3:11 PM
> > Subject: [nrd-525-535] Re: Getting the Noise Blanker correctly working and adjusted in the 535
> >
> >
> >
> > Hi Harry
> >
> > The flaw in the original JRC adjustment was that when I followed their instructions the NB was not much better. It took about a hour of going back and forth through the JRC instructions and then trying a few variations, please remember that what I wanted was that everyones NB's to work and not just mine. I wanted to come up with a procedure that anyone without access to the tools I used to get the same result.
> >
> > The NB can now remove >S9 of TV CRT noise below 200KHz
> >
> > I also have a switch that turns off the display fitted, it is great that I get NO display RFI when DX in the MW and below bands. I ended with a switch because the electronic relay turned the display off and on when I ran the display diagnostics test, 9999999
> >
> > The 535DG has a Rev H eprom and my 535D has a Rev D
> >
> > Regards John

> >
> > --- In nrd-525-535@yahoogroups.com, "dfas_eu" <dfas-eu@> wrote:
> > >
> > > Hi John,
> > >
> > > thanks for the Info. Adjusted mine (both) and they work like you said. Before I had poor NB - now just unbelievable. I am glad YOU got this NRD535DG and WE can benefit from your findings :-) .
> > >
> > > Can you do me a favour and check and see what EEPROM Version this 535 got installed? Since it was one of the last once it should have the lates EEPROM installed in it. I just upgraded mine to REV. H (Thanks to Pietro which provided the EEPROMS to me). Wonder if there is a newer one than "H" installed there.
> > >
> > > Thanks
> > >
> > > Harry
> > >
> > >
> > > --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> > > >
> > > > Hi All
> > > >
> > > > In my 535 the NB (noise blanker) did very little.
> > > > Actually I used the tone knob fully counter clockwise to reduce the noise, with little effect.
> > > >
> > > > Recently I bought a NOS 535DG, I wrote a little about it before. Its NB worked really well.
> > > > I got to think that maybe it my 535 NB was not correctly adjusted.
> > > >
> > > > I have a few advantages over most owners, I have a service manual (who doesn't) , I can read and understand the schematics (nothing special so far), I have a set of both extender boards, these cost a small fortune to buy but are worth having.
> > > >
> > > > I followed the service manual and found a flaw in their adjustments, and besides not everyone has all the service gear to do it as they suggest.
> > > >
> > > > The NB is adjusted on the IF filter board (CFH-36), it is the only one I needed to touch and with these altered adjustment procedures you do not need all the tools and the extender board.
> > > >
> > > > DIsclaimer:
> > > > I take no responsibility for how you carry out this alignment and I am not responsible for any consequences following details.
> > > >
> > > > First be aware static will destroy your receiver, so follow all static reduction procedures. If you do not know what I am writing about, do not start or learn about ESD procedures and how to deal with it.
> > > >

> > > > Disconnect the power to the 535, turn on the 535 to discharge the caps.
> > > > Connect an external speaker.
> > > > Remove your 535 top case, do not forget to disconnect the speaker plug.
> > > > Carefully remove the IF filter board, find on it the RV1 and RV2, make a note where they are set at now.
> > > > Without an extender board, all the transformer adjustments T9,T10,T11 are impossible so lets hope they are not too far out, mine were fairly close to peak so time does not appears to causes them to change.
> > > > Turn RV1 fully CW (clockwise).
> > > > Carefully Reinstall the IF filter board.
> > > > Disconnect all antennas and keep them off.
> > > > Power up your 535. set it to:
> > > > AM, Wide filter, Tone fully CW, RF fully CW,NB fully CW, AF to a comfortable volume, 3.7MHz
> > > > Press the NB to select the first NB, the left led NB should lit.
> > > > If your 535 behaves they way mine did you should now have a lot on noise from the 535 when you pressed the NB button, if not turn the NB off and adjust the RV2 fully CCW (counter CW).
> > > > Press NB and the noise should be there, it is an over driven NB incorrectly phased.
> > > > Adjust RV2 so the noise disappears, you have just anti-phased the noise.
> > > > Switch between SSB and AM and do small adjustment to RV2 until you get the best results.
> > > >
> > > > Disconnect the power and turn the power switch on to discharge the caps.
> > > >
> > > > Remove the IF filter board and turn RV1 to about the 2 o'clock position.
> > > >
> > > > Power up the 535 and turn off the NB, attach the antenna and go tune up some static noise on a band.
> > > > When you find the static noise, press the NB and adjust the NB knob to remove the static noise.
> > > >
> > > > Thats it.
> > > > If you 535 is like mine your NB should be working very well.
> > > >
> > > > Regards John
> > > >
> > >
> >
>

2574. NRD525 and 535 client and server software - RXCommander

Yahoo group: nrd-525-535
Date: 2011-09-15 21:42:04 UTC
From: dfas_eu
Topic: 2574 Message: 2574

Pietro (hb9rxc) has done it again. He developed a Client and Server Version of his software so everyone can go online with his NRD 525 and 535. Go and check it out. Software is free to use. Give him some feedback so he can eliminate any errors and make it stable. You do need the latest ROM version in your Receiver to get the software to function. Just ask him if you need any help.

Here is the download link.

http://hummer92.homeip.net/~hb9rxc/software2.htm

Isn't great that there is still someone out there develope some software for the real receivers, not just SDRs. Lets help him with our comments and suggestions or maybe a few dollars for his work.

Harry

2575. Re: Getting the Noise Blanker correctly working and adjusted in the 535

Yahoo group: nrd-525-535
Date: 2011-09-15 21:46:21 UTC
From: dfas_eu
Topic: 2562 Message: 2575

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
Hi John,

thanks again. Great job you have done.

On the display off/on switch. Did you release the procedure how to do it yet? Would be interessted in it too since I use the new Software (RXCommander Server / Client) to control the receiver and do not need the display running all the time.

Thanks

Harry

> Hi Harry
>
> The flaw in the original JRC adjustment was that when I followed their instructions the NB was not much better. It took about a hour of going back and forth through the JRC instructions and then trying a few variations, please remember that what I wanted was that everyones NB's to work and not just mine. I wanted to come up with a procedure that anyone without access to the tools I used to get the same result.
>
> The NB can now remove >S9 of TV CRT noise below 200KHz
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> I also have a switch that turns off the display fitted, it is great that I get NO display RFI when DX in the MW and below bands. I ended with a switch because the electronic relay turned the display off and on when I ran the display diagnostics test, 9999999
>
> The 535DG has a Rev H eprom and my 535D has a Rev D
>
> Regards John

2576. RE: [nrd-525-535] NRD525 and 535 client and server software - RXCommander

Yahoo group: nrd-525-535
Date: 2011-09-16 10:47:26 UTC
From: Charles
Topic: 2574 Message: 2576

I was wondering if Pietro wrote a program for the NRD545? I don't see that at his web site?

Chuck Bolland
ka4prf@...

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of dfas_eu
Sent: Thursday, September 15, 2011 10:42
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] NRD525 and 535 client and server software - RXCommander

Pietro (hb9rxc) has done it again. He developed a Client and Server Version of his software so everyone can go online with his NRD 525 and 535. Go and check it out. Software is free to use. Give him some feedback so he can eliminate any errors and make it stable. You do need the latest ROM version in your Receiver to get the software to function. Just ask him if you need any help.

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Isn't great that there is still someone out there develope some software for the real receivers, not just SDRs. Lets help him with our comments and suggestions or maybe a few dollars for his work.

Harry

2577. NRD-525 cable

Yahoo group: nrd-525-535
Date: 2011-09-16 02:02:51 UTC
From: Daryll
Topic: 2577 Message: 2577

Anyone have a source for the computer cable for the NRD-525? Having a difficult time finding one.

Thanks!

Daryll
=====

2578. Re: [nrd-525-535] Re: Getting the Noise Blanker correctly working and adjusted in the 535

Yahoo group: nrd-525-535
Date: 2011-09-16 08:16:43 UTC
From: kkyahoo
Topic: 2562 Message: 2578

John,

I just put my 535 on my test gear to look at the frequency drift. This 535 has the high stability option fitted. I used a Schlumberger radio test set locked to a 10MHz standard and put the sig gen on 29.1MHz. The 535 was in SSB mode and tuned to 29.101MHz so as to generate an af tone which I monitored on the test set's counter... a 1kHz tone would indicate perfect alignment.

I like this method of looking at the frequency alignment of the set rather than going inside to poke about near the ref oscillator. It also has the advantage that with all the covers in place the thermal effects are "real life". Monitoring with the top lid off changes the temperature inside the rx and will alter the drift characteristics. Also it's dead easy to see the drift on the counter and recal. Setting the tone to 1000Hz is easier than setting a 20MHz reference oscillator to 20,000,000Hz!

For the first 2 minutes, as the oven gets up to temperature, the 535 moved around maybe 10-20 Hz then settled down and showed only 1-2Hz drift after 1 hour of operation. So no complaints here!

As a comparison I measured the frequency drift on my Kenwood 850, this has the 0.5ppm SO-2 TCXO fitted. After 1 hour it had drifted 10Hz.

The ECSS I have is modded to the Lowe configuration but still drifts a bit. If you can come up with a set-up tweak then I would be interested to try it.

73's

Kevin
----- Original Message -----
From: John
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, September 13, 2011 2:10 AM
Subject: [nrd-525-535] Re: Getting the Noise Blanker correctly working and adjusted in the 535

Hi Kevin

Thats the sort of instructions that will help this user group.
As you know very few of us have test equipment so a simple process using commonly available items will let other adjust there receivers for better results.
If you have any other suggestion for simple alignment processes please tell us.

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experienced the not correctable drift. it is not a lot maybe about 50 to 100 Hz.

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I can see why others have had problems setting the ECSS correctly.

I will write up the ECSS instructions later.

Regards John

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
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> John,
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> I tried your method and found that the null point wasn't so well defined. However if you run a short wire into the High Z antenna socket and position the wire close to a "wall wart", go into am mode, select a frequency around 2-300kHz, you will have a good source of spikes to set up the NB. The RV2 null is then very marked. I should add that the wall wart should be a transformer based one, containing a couple of rectifier diodes that are not too well suppressed.
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>
> Kevin
> ----- Original Message -----
> From: John
> To: nrd-525-535@yahoogroups.com
> Sent: Sunday, September 11, 2011 9:49 AM
> Subject: [nrd-525-535] Re: Getting the Noise Blanker correctly working and adjusted in the 535
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> Hi Kevin
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> Yes.
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> Regards John
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> > Kevin
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> >
> > ----- Original Message -----
> > From: John
> > To: nrd-525-535@yahoogroups.com
> > Sent: Saturday, September 10, 2011 3:11 PM
> > Subject: [nrd-525-535] Re: Getting the Noise Blanker correctly working and adjusted in the 535
> >
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> > The 535DG has a Rev H eprom and my 535D has a Rev D
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> > Regards John
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> > --- In nrd-525-535@yahoogroups.com, "dfas_eu" <dfas-eu@> wrote:
> > >
> > > Hi John,
> > >
> > > thanks for the Info. Adjusted mine (both) and they work like you said. Before I had poor NB - now just unbelievable. I am glad YOU got this NRD535DG and WE can benefit from your findings :-) .
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> > > Thanks
> > >
> > > Harry

> > >
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> > > > DIsclaimer:
> > > > I take no responsibility for how you carry out this alignment and I am not responsible for any consequences following details.
> > > >
> > > > First be aware static will destroy your receiver, so follow all static reduction procedures. If you do not know what I am writing about, do not start or learn about ESD procedures and how to deal with it.
> > > >
> > > > Disconnect the power to the 535, turn on the 535 to discharge the caps.
> > > > Connect an external speaker.
> > > > Remove your 535 top case, do not forget to disconnect the speaker plug.
> > > > Carefully remove the IF filter board, find on it the RV1 and RV2, make a note where they are set at now.
> > > > Without an extender board, all the transformer adjustments T9,T10,T11 are impossible so lets hope they are not too far out, mine were fairly close to peak so time does not appears to causes them to change.
> > > > Turn RV1 fully CW (clockwise).
> > > > Carefully Reinstall the IF filter board.
> > > > Disconnect all antennas and keep them off.
> > > > Power up your 535. set it to:
> > > > AM, Wide filter, Tone fully CW, RF fully CW,NB fully CW, AF to a comfortable volume, 3.7MHz
> > > > Press the NB to select the first NB, the left led NB should lit.
> > > > If your 535 behaves they way mine did you should now have a lot on noise from the 535 when you pressed the NB button, if not turn the NB off and adjust the RV2 fully CCW

(counter CW).
> > > > Press NB and the noise should be there, it is an over driven NB incorrectly phased.
> > > > Adjust RV2 so the noise disappears, you have just anti-phased the noise.
> > > > Switch between SSB and AM and do small adjustment to RV2 until you get the best results.
> > > >
> > > > Disconnect the power and turn the power switch on to discharge the caps.
> > > >
> > > > Remove the IF filter board and turn RV1 to about the 2 o'clock position.
> > > >
> > > > Power up the 535 and turn off the NB, attach the antenna and go tune up some static noise on a band.
> > > > When you find the static noise, press the NB and adjust the NB knob to remove the static noise.
> > > >
> > > > Thats it.
> > > > If you 535 is like mine your NB should be working very well.
> > > >
> > > > Regards John
> > > >
> > >
> >
>

2579. TUNING wheel does NOT operate

Yahoo group: nrd-525-535
Date: 2011-09-17 02:11:37 UTC
From: taongaguilasa
Topic: 2579 Message: 2579

I have a NRD525 that the TUNING-wheel does NOT function due to >ihe encoder possibly does not puise a trigger to > output . TaonGaGuilasa of Philippines.

2580. Brazilian on 11 megs

Yahoo group: nrd-525-535
Date: 2011-09-19 11:20:38 UTC
From: Charles
Topic: 2580 Message: 2580

Brazil, 11765.067, Super Radio de Deus e Amor, 2345-0007 Noted a lot of preaching and
comments in Portuguese. On the 0001 hour noted a canned ID with frequencies which
I didn't understand due to poor language skills. Signal was fair however. This was a
tip from Albert Muick who says this station is testing but is already listed on this freq
in the WRTH. Heard a weaker signal on parallel frequency of 9565 KHz. (Chuck
Bolland, September 19, 2011

2 6N 081W
NRD545

2581. TUES MORN DX

Yahoo group: nrd-525-535
Date: 2011-09-20 11:22:03 UTC
From: Charles
Topic: 2581 Message: 2581

Indonesia, 4749.966, RRI Makassar, 0947-1000 Noted a male in comments for a few moments then music heard. After one tune, a female joins in with the male in comments. Language
sounded like Indonesian. Lot's of noise this morning as the signal was poor. (Chuck
Bolland, September 20, 2011)

Bolivia, 4795.937, Radio Lipez, 0955-1005, Noted a female in Spanish language comments
only periodically as the signal was very weak. They seemed to be having problems this
morning (Chuck Bolland, September 20 ,2011)

Bolivia, 6134.795, Radio Santa Cruz, 1016-1030, Noted a female giving a lesson of some kind
as she recites instructions or letters. She is joined by a male who also recites instructions.
Signal is good compared to what it was 45 minutes ago which was poor.
(Chuck Bolland,
September 20, 2011)

Peru, 6173.962, Radio Tawantinsuyo, 1020-1030, Noted a very poor signal here with a male in
Spanish language comments. The signal is covered by a couple of strong stations that are
making it impossible to hear any real details, but Tawantinsuyo is definitely in there. (Chuck Bolland, September 20 , 2011)

Bolivia, 5952.376, Emisoras Pio XII, 1025-1035, With a fair signal in the clear, noted two males
presenting the World news in Spanish language. However, after I mentioned it, the second
individual never returned. Heard a number of place names like the USA. Signal was fair.
(Chuck Bolland, September 20, 2011)

Peru, 4774.925, Radio Tarma, 1033-1045, Noted a program of music with a male commenting
between selections in Spanish. Couldn't catch what the comments were unfortunately. Signal
remained poor. (Chuck Bolland, September 20, 2011)

26N 081W
NRD545

http://www.orchidcitysoftware.com/IMAGE19.HTML (NRD545)
http://www.orchidcitysoftware.com/IMAGE9.HTML (NRD535D)

http://www.orchidcitysoftware.com/IMAGE18.HTML (NRD525)
http://www.orchidcitysoftware.com/IMAGE22.HTML (NRD345)

2582. Re: [nrd-525-535] TUES MORN DX

Yahoo group: nrd-525-535
Date: 2011-09-20 19:54:05 UTC
From: poldhu1901@aol.com
Topic: 2581 Message: 2582

That's two of these reception reports today, and although I'm sure somebody somewhere might find them of interest I can't help but wonder if it's really appropriate traffic for this group.

I wonder too how many more it will take before they're considered to be SPAM??

regards

Nigel
GM8PZR

In a message dated 20/09/2011 12:21:59 GMT Daylight Time, ka4prf@peoplepc.com writes:

Indonesia, 4749.966, RRI Makassar, 0947-1000 Noted a male in comments for a few moments then music heard. After one tune, a female joins in with the male in comments. Language sounded like Indonesian. Lot's of noise this morning as the signal was poor. (Chuck Bolland, September 20, 2011)
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26N 081W
NRD545
http://www.orchidcitysoftware.com/IMAGE19.HTML (NRD545)
http://www.orchidcitysoftware.com/IMAGE9.HTML (NRD535D)
http://www.orchidcitysoftware.com/IMAGE18.HTML (NRD525)
http://www.orchidcitysoftware.com/IMAGE22.HTML (NRD345)

2583. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2011-09-21 05:05:41 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 2583

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Reducing RFI mods/Inside 535 extended orange wire.jpg
Uploaded by : exploreaustralia <adams@...>
Description : The Display off mod is as simple as possible, extend the orange wire to reach the fitted mini toggle switch, I used heat shrink to protect against shorts and thats all there is. The earlier display off mod created it own RFI and was a bad mod.

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Reducing%20RFI%20mods/Inside%20535%20extended%20orange%20wire.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

exploreaustralia <adams@...>

2584. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2011-09-21 05:23:13 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 2584

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Reducing RFI mods/Display off mod demo.MPG
Uploaded by : exploreaustralia <adams@...>
Description : Demo of the 535 with the display off mod.

You can access this file at the URL:
http://groups.yahoo.com/group/nrd-525-535/files/Reducing%20RFI%20mods/Display%20off%20mod%20demo.MPG

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

exploreaustralia <adams@...>

2585. NRD-525 eprom

Yahoo group: nrd-525-535
Date: 2011-10-14 11:35:43 UTC
From: pietro
Topic: 2585 Message: 2585

Hello list,

I am looking for the last official jrc-525 eprom (7DEJD0072 - C).
Would be interested in a copy of the firmware (.bin or .hex) to be burned in a empty eeprom.

Just in case, I would pay (if reasonable) for your help via Paypal.

Thank you ! Pietro / hb9rxc

:-)

2586. JRC 535

Yahoo group: nrd-525-535
Date: 2011-10-22 07:44:26 UTC
From: eagle one
Topic: 2586 Message: 2586

I recently opened up the top cover of my JRC 535 for the first time and noticed that all the slots hold the respective modules except the one for RTTY. Does this mean I have the D model? If the answer is no. then what can I do to make it a D or Db model? Thank you

Hanafi

2587. Re: [nrd-525-535] JRC 535

Yahoo group: nrd-525-535
Date: 2011-10-22 10:21:20 UTC
From: poldhu1901@aol.com
Topic: 2586 Message: 2587

In a message dated 22/10/2011 08:44:29 GMT Daylight Time,
foxbat_alpha@... writes:

I recently opened up the top cover of my JRC 535 for the first time and
noticed that all the slots hold the respective modules except the one for
RTTY. Does this mean I have the D model? If the answer is no. then what can I
do to make it a D or Db model? Thank you

Certainly sounds like it, either that or it's been upgraded from from a
basic model, which is what I did after buying my 535 new in 1993.
Either way, if all the slots are filled, and the variable bandwidth and
ECSS functions are working, then it's certainly more than the basic version.

The "Db" was never an official classification, but see here for more
details....

http://www.lannuier.com/ww2pt/page.cfm?content=nrd535
(http://www.lannuier.com/ww2pt/page.cfm?content=nrd535)

The easiest way to check if yours is one of the few originals or the later
version is to check the serial number.
As per the above link, sets after serial BR56005 were what some folks refer
to as the Db version.

Another way is to check your bandwidth control module, 3rd slot from the
left viewed from front, the original module was the CFL-243 but later
versions were designated CFL-243W and, as far as I can remember without looking,
this should be marked on the circuit board.

regards

Nigel
GM8PZR

2588. Re: [nrd-525-535] JRC 535

Yahoo group: nrd-525-535
Date: 2011-10-24 01:06:19 UTC
From: Brian Denley
Topic: 2586 Message: 2588

Does it say 'NRD-535D HF Receiver' on the front panel? If not, it's not a 'D'.
Brian KB1VBF
http://home.comcast.net/~b.denley/index.html
----- Original Message -----
From: "eagle one" <foxbat_alpha@...>
To: <nrd-525-535@yahoogroups.com>
Sent: Saturday, October 22, 2011 3:44 AM
Subject: [nrd-525-535] JRC 535

I recently opened up the top cover of my JRC 535 for the first time and noticed that all the slots hold the respective modules except the one for RTTY. Does this mean I have the D model? If the answer is no. then what can I do to make it a D or Db model? Thank you

Hanafi

2589. New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-30 21:59:44 UTC
From: uaz85
Topic: 2589 Message: 2589

Hello everyone,
just got from a colleague at work, who is disposing a relative's radio station, an NRD-525G.

It's a noticeable improvement from the tiny SW receiver I used to use to listen broadcast station, but I feel that I'll need some time to learn how to get the most from this receiver.

Now, for the silly question: what is the difference between the "525" and the "525G"?

Thank you

Andrea

2590. Re: [nrd-525-535] New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-30 22:58:58 UTC
From: poldhu1901@aol.com
Topic: 2589 Message: 2590

In a message dated 30/10/2011 21:59:49 GMT Standard Time, uaz85@...
writes:

Now, for the silly question: what is the difference between the "525" and
the "525G"?
Hi Andrea

It's not a silly question, but it is one that seems to come up quite
frequently.

Basically though, the answer is ..."nothing":-)

JRC used G as a suffix for models aimed at the European market, they did
the same with the NRD535 and probably the NRD 545 too, but generally I don't
think this had any more real significance than perhaps making sure the
mains selector was set to 230 v rather than 115 v and including an appropriate
mains lead.

As far as I'm aware, there was no technical significance to the G suffix.

Congratulations on acquiring a very nice radio and, above all, have fun:-)

Regards

Nigel
GM8PZR

2591. RE: [nrd-525-535] New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-30 23:27:11 UTC
From: Charles
Topic: 2589 Message: 2591

Nigel,

I thought it was to identify the 525's that didn't have any of the Mobil Phone Frequencies blocked or vice versa?

Chuck

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of poldhu1901@...
Sent: Sunday, October 30, 2011 22:59
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] New member from Italy and a silly question...

In a message dated 30/10/2011 21:59:49 GMT Standard Time, uaz85@... writes:
Now, for the silly question: what is the difference between the "525" and the "525G"?
Hi Andrea

It's not a silly question, but it is one that seems to come up quite frequently.

Basically though, the answer is ..."nothing":-)

JRC used G as a suffix for models aimed at the European market, they did the same with the NRD535 and probably the NRD 545 too, but generally I don't think this had any more real significance than perhaps making sure the mains selector was set to 230 v rather than 115 v and including an appropriate mains lead.

As far as I'm aware, there was no technical significance to the G suffix.

Congratulations on acquiring a very nice radio and, above all, have fun:-)

Regards

Nigel
GM8PZR

2592. Re: [nrd-525-535] New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-31 00:05:09 UTC
From: poldhu1901@aol.com
Topic: 2589 Message: 2592

In a message dated 30/10/2011 23:26:34 GMT Standard Time,
ka4prf@... writes:

I thought it was to identify the 525's that didn't have any of the Mobil
Phone Frequencies blocked or vice versa?

Nope.....

I'm never quite sure why this has caused so much confusion but, once
again, I'll take the liberty of quoting from Paul Lannuier's 535 page.....

The "NRD-535GS" should not be confused with the "NRD-535G" - the latter
was simply the European verision (factory pre-set to 220V and supp[lied with
Euro power cord); JRC used the "G" suffix on several models as a designator
for Europe, while "U" designated North America. These designators are only
marked on the carton, not on the radio itself.

I don't think you'll find too many blocked frequencies on any of the JRC
HF receivers:-)

regards

Nigel

GM8PZR

2593. RE: [nrd-525-535] New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-31 00:07:26 UTC
From: Charles
Topic: 2589 Message: 2593

Okay -

Chuck

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of poldhu1901@...
Sent: Monday, October 31, 2011 00:05
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] New member from Italy and a silly question...

In a message dated 30/10/2011 23:26:34 GMT Standard Time, ka4prf@... writes:
I thought it was to identify the 525's that didn't have any of the Mobil Phone Frequencies blocked or vice versa?

Nope.....

I'm never quite sure why this has caused so much confusion but, once again, I'll take the liberty of quoting from Paul Lannuier's 535 page.....

The "NRD-535GS" should not be confused with the "NRD-535G" - the latter was simply the European verision (factory pre-set to 220V and supp[lied with Euro power cord); JRC used the "G" suffix on several models as a designator for Europe, while "U" designated North America. These designators are only marked on the carton, not on the radio itself.

I don't think you'll find too many blocked frequencies on any of the JRC HF receivers:-)

regards

Nigel

GM8PZR

2594. RE: [nrd-525-535] New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-31 00:14:17 UTC
From: Charles
Topic: 2589 Message: 2594

I always thought that the difference between the Euro and the USA receivers was that the Euro model could hear the phone frequencies while the USA models could not. What other difference did the receivers have? The voltage could be changed on the back of the receiver on both Models anyway. I also remember a controversy in Paul's day too on this subject. But
I would be interested in knowing what other differences the receivers had besides
the voltages which could be changed exactly the same way?

Chuck

_____

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of poldhu1901@...
Sent: Monday, October 31, 2011 00:05
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] New member from Italy and a silly question...

In a message dated 30/10/2011 23:26:34 GMT Standard Time,
ka4prf@... writes:
I thought it was to identify the 525's that didn't have any of the Mobil Phone Frequencies blocked or vice versa?

Nope.....

I'm never quite sure why this has caused so much confusion but, once again, I'll take the liberty of quoting from Paul Lannuier's 535 page.....

The "NRD-535GS" should not be confused with the "NRD-535G" - the latter was simply the European verision (factory pre-set to 220V and supp[lied with Euro power cord); JRC used the "G" suffix on several models as a designator for Europe, while "U" designated North America. These designators are only marked on the carton, not on the radio itself.

I don't think you'll find too many blocked frequencies on any of the JRC HF receivers:-)

regards

Nigel

GM8PZR

2595. RE: [nrd-525-535] New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-31 00:18:13 UTC
From: Charles
Topic: 2589 Message: 2595

Maybe the G meant that the receiver had it's 220 voltage setup while the U meant that the receiver was set for 110?, because the voltages were changeable regardless on whether they were located in Europe or the USA

Chuck

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of poldhu1901@...
Sent: Monday, October 31, 2011 00:05
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] New member from Italy and a silly question...

In a message dated 30/10/2011 23:26:34 GMT Standard Time, ka4prf@... writes:
I thought it was to identify the 525's that didn't have any of the Mobil Phone Frequencies blocked or vice versa?

Nope.....

I'm never quite sure why this has caused so much confusion but, once again, I'll take the liberty of quoting from Paul Lannuier's 535 page.....

The "NRD-535GS" should not be confused with the "NRD-535G" - the latter was simply the European verision (factory pre-set to 220V and supp[lied with Euro power cord); JRC used the "G" suffix on several models as a designator for Europe, while "U" designated North America. These designators are only marked on the carton, not on the radio itself.

I don't think you'll find too many blocked frequencies on any of the JRC HF receivers:-)

regards

Nigel

GM8PZR

2596. Re: [nrd-525-535] New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-31 00:28:34 UTC
From: poldhu1901@aol.com
Topic: 2589 Message: 2596

In a message dated 31/10/2011 00:17:18 GMT Standard Time,
ka4prf@... writes:

Maybe the G meant that the receiver had it's 220 voltage setup while the U
meant that the receiver was set for 110?, because the voltages were
changeable regardless on whether they were located in Europe or the USA

Exactly, it was purely a point of sale convenience, perhaps to ensure that
220 volts wasn't applied to a receiver set to 110 volts.

As per the quote I posted, the G or U wasn't even marked on the receiver.

I don't really understand though what mobile phone frequencies have to do
with this.
There were certainly differences on many later VHF/UHF receivers, with
cellular frequencies being blocked on US models, but I don't recall anything
similar ever affecting HF receivers.

regards

Nigel

GM8PZR

2597. RE: [nrd-525-535] New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-31 00:41:06 UTC
From: Charles
Topic: 2589 Message: 2597

I was thinking that the receiver was all shortwave eventhough the UHF and
VHF
aren't consider shortwave. It's just a mistake in my thinking.

Chuck

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On
Behalf Of poldhu1901@...
Sent: Monday, October 31, 2011 00:29
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] New member from Italy and a silly question...

In a message dated 31/10/2011 00:17:18 GMT Standard Time,
ka4prf@... writes:
Maybe the G meant that the receiver had it's 220 voltage setup while the U
meant that the receiver was set for 110?, because the voltages were
changeable regardless on whether they were located in Europe or the USA

Exactly, it was purely a point of sale convenience, perhaps to ensure that
220 volts wasn't applied to a receiver set to 110 volts.

As per the quote I posted, the G or U wasn't even marked on the receiver.

I don't really understand though what mobile phone frequencies have to do
with this.
There were certainly differences on many later VHF/UHF receivers, with
cellular frequencies being blocked on US models, but I don't recall anything
similar ever affecting HF receivers.

regards

Nigel

GM8PZR

2598. Re: [nrd-525-535] New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-31 00:49:46 UTC
From: B A
Topic: 2589 Message: 2598

*I suggest you send an email to jRC, customer support
*
On Sun, Oct 30, 2011 at 4:59 PM, uaz85 <uaz85@...> wrote:

> **
>
>
> Hello everyone,
> just got from a colleague at work, who is disposing a relative's radio
> station, an NRD-525G.
>
> It's a noticeable improvement from the tiny SW receiver I used to use to
> listen broadcast station, but I feel that I'll need some time to learn how
> to get the most from this receiver.
>
> Now, for the silly question: what is the difference between the "525" and
> the "525G"?
>
> Thank you
>
> Andrea
>
>
>

--
Thanks !!!!,

Bob

2599. Re: TUNING wheel does NOT operate

Yahoo group: nrd-525-535
Date: 2011-10-31 07:36:41 UTC
From: Ton
Topic: 2579 Message: 2599

Hi there,

i bought a defective NRD-525 with broken tuning wheel for spareparts.
Opened the case and found the encoder was gone ;)
With help from a fellow ham we replaced the encoder, made a new shaft and had the 525 back in business.
See also my website: pa1pxl.blogspot.com
You can try to find a new ALP decoder.
But before you do that you have to be sure that the decoder is the source of the problem.
So does the keyboard still works?
If not i think the pll can be the culprit.
Bear in mind that spareparts are hard to get or quit expensive!

best regards, 73's Ton - PA1PXL

--- In nrd-525-535@yahoogroups.com, "taongaguilasa" <taongaguilasa@...> wrote:
>
> I have a NRD525 that the TUNING-wheel does NOT function due to >ihe encoder possibly does not puise a trigger to > output . TaonGaGuilasa of Philippines.
>

2600. Re: [nrd-525-535] New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-31 08:00:56 UTC
From: casy_ch@tbwil.ch
Topic: 2589 Message: 2600

I disagree with the declaration that the NRD-525G was not marked like it on the front.

See the pic:
http://www.kurzwellen-freak.de/HomepageClassic01/nrd525.htm

You will learn a lot about the receiver in the group files.

If I recall well, the <NRD-525G> meant German version compared to the NRD-525 for the US. At the time of its production (1986-1992), the receiver had to be announced at the German FCC.

Have fun with your receiver.

Jean-Claude, Switzerland

----- Original Message -----
From: uaz85
To: nrd-525-535@yahoogroups.com
Sent: Sunday, October 30, 2011 10:59 PM
Subject: [nrd-525-535] New member from Italy and a silly question...

Hello everyone,
just got from a colleague at work, who is disposing a relative's radio station, an NRD-525G.

It's a noticeable improvement from the tiny SW receiver I used to use to listen broadcast station, but I feel that I'll need some time to learn how to get the most from this receiver.

Now, for the silly question: what is the difference between the "525" and the "525G"?

Thank you

Andrea

2601. Re: [nrd-525-535] New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-31 10:22:27 UTC
From: poldhu1901@aol.com
Topic: 2589 Message: 2601

In a message dated 31/10/2011 08:01:03 GMT Standard Time, casy_ch@...
writes:

I disagree with the declaration that the NRD-525G was not marked like it
on the front.

See the pic:
http://www.kurzwellen-freak.de/HomepageClassic01/nrd525.htm
(http://www.kurzwellen-freak.de/HomepageClassic01/nrd525.htm)

You will learn a lot about the receiver in the group files.

If I recall well, the <NRD-525G> meant German version compared to the
NRD-525 for the US. At the time of its production (1986-1992), the receiver had
to be announced at the German FCC.

Great web page and great photos, thank you.

A timely reminder too that I hadn't checked my 525 CPU battery for some
time, and I've just done that and discovered that despite the voltage being
fine at 3.26 volts there's been a fair bit of leakage around the join
between the positive case and the negative insert.
It's not affecting the PCB as yet but the battery will certainly need to
be changed immediately so something to watch out for, and thanks again.

Obviously I stand corrected re 525G being marked on the receiver, or some
at least, but I still contend there was no technical difference between
this and the "basic" 525.

It's interesting to note that my UK sourced NRD-525, with later serial
number than shown in the web photos, does not show the G suffix on either the
front or rear panel, nor on the box. It's also interesting to note that the
NRD-525G markings in the photos looks to be either an added label or, at
least a contrasted modification to the silk screening, which is not the case
with my receiver or the manual photos. This may well indicate some kind of
change to meet regulatory requirements but I don't recall ever seeing any
technical documentation that indicates there were actually different
versions of the receiver.

I must admit I did wonder about type approval, I remember from my marine
radio days that German requirements did tend to be more stringent than
elsewhere and that this did sometimes require us to make additional modifications
in order to meet their specs, but that modification would then be applied
to all units.

Whether or not this is where the "G" originated I don't know, it might well be a distinction that was made just for Germany in the case of the NRD-525 but certainly with the NRD-535 the G was used as a more general European indicator.

In the case of the NRD-535, my receiver came via a JRC main agent in the UK and, sure enough, there is a G marked on the box but nowhere on the receiver.
My service manual was shipped from Japan and, not knowing any different at the time, I'd requested a manual for the NRD-535G.
The covering letter which came with the manual, and which I still have, contains the comment.....

"We are sorry to have not model NRD-535G of service manual, however, NRD-535 service manual is the identical service manual of NRD-535G."

That, at least, seems clear enough.

Paul's page that I quoted is, of course, specifically aimed at the NRD535 so perhaps it wasn't such a good idea on my part to generalise his comments to the NRD-525, but I still believe that to suggest the G version of either receiver is somehow electronically different to non G variants is just perpetuating a myth that has grown out of nothing.

regards

Nigel
GM8PZR

2602. Re: [nrd-525-535] New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-31 10:38:17 UTC
From: poldhu1901@aol.com
Topic: 2589 Message: 2602

In a message dated 31/10/2011 08:01:03 GMT Standard Time, casy_ch@...
writes:

I disagree with the declaration that the NRD-525G was not marked like it
on the front.

Just as a follow up, and despite Paul's and JRC's comments about the
NRD-535G, I see that some at least of the European versions of the NRD-535D did
come marked as NRD-535DG.

Perhaps it's no wonder this has caused so much confusion:-)

regards

Nigel
GM8PZR

2603. NRD-525 and 535 CPU Batteries

Yahoo group: nrd-525-535
Date: 2011-10-31 12:48:12 UTC
From: poldhu1901@aol.com
Topic: 2603 Message: 2603

Following on from Jean-Claude's link to the excellent NRD-525 PCB photos, and having checked both my NRD-525 and NRD-535 CPU batteries, I decided to replace both batteries with a battery holder to avoid any further soldering to the PCB boards.

I just assumed, rather foolishly as it turned out, that appropriate battery holders would be available with solder pins that matched those on the soldered in batteries so that either holders or batteries could be fitted to the same PCB as required, even if the holder might then have to be used with a physically smaller battery.

The NRD-525 CPU board will only accept a three pin battery, two for positive and one for negative, whilst the NRD-535 CPU board, in my receiver anyway, as well as having holes that will accept that same three pin battery will also accept a two pin battery, with pins on 15mm centres, which is what is actually fitted.

However, any readily available CR2032 battery holders I've located so far have two pins spaced at 20mm, although most Ebay sellers don't seem to think it necessary to provide dimensions so I'm just guessing that most there will be the same as they look very similar.

I've checked the group message archives, as well as trying Google searches, but although I've come across several references to battery holders being fitted none of these seem to have been solder in replacements that will fit the existing PCB holes.

If I have to wire in separately mounted battery sockets I still feel that's a better option than soldering to the PCBs again in the future, but I'd prefer to fit sockets directly to the PCBs if possible.

Sooooooooo...my question is, has anybody come across any coin cell battery holders that will fit the track pattern of a "standard" 3 pin solder mount CR2032 battery?

regards

Nigel
GM8PZR

2604. Re: New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-10-31 23:12:40 UTC
From: uaz85
Topic: 2589 Message: 2604

--- In nrd-525-535@yahoogroups.com, poldhu1901@... wrote:
>
> In a message dated 31/10/2011 08:01:03 GMT Standard Time, casy_ch@...
> writes:
>
>
> I disagree with the declaration that the NRD-525G was not marked like it
> on the front.
>
> See the pic:
> _http://www.kurzwellen-freak.de/HomepageClassic01/nrd525.htm_
> (http://www.kurzwellen-freak.de/HomepageClassic01/nrd525.htm)
>
>
> You will learn a lot about the receiver in the group files.
>
>
>
> If I recall well, the <NRD-525G> meant German version compared to the
> NRD-525 for the US. At the time of its production (1986-1992), the receiver had
> to be announced at the German FCC.
>
> ------------------
> Great web page and great photos, thank you.
>
CROPPED
>
It's also interesting to note that the
> NRD-525G markings in the photos looks to be either an added label or, at
> least a contrasted modification to the silk screening, which is not the case
> with my receiver or the manual photos. This may well indicate some kind of
> change to meet regulatory requirements but I don't recall ever seeing any
> technical documentation that indicates there were actually different
> versions of the receiver.
CROPPED
>
> Nigel
> GM8PZR
>

Indeed my 525G has the model denomination not silkscreen printed on the front panel but rather on a sticker. I don't want to try to peel the label away, but it would be interesting to see what's under it.

Still playing with the basics of the receiver. Getting much more than my old Selena B210... made in CCCP. Only thing is the sound from the inside speaker: nothing to write home about.

Since cash is not an available commodity at the moment, I will check if I can make an external speaker recycling a loudspeaker from an old stereo.

Andrea

2605. Re: [nrd-525-535] Re: New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-11-01 08:52:01 UTC
From: poldhu1901@aol.com
Topic: 2589 Message: 2605

In a message dated 31/10/2011 23:12:46 GMT Standard Time, uaz85@...
writes:

Indeed my 525G has the model denomination not silkscreen printed on the
front panel but rather on a sticker. I don't want to try to peel the label
away, but it would be interesting to see what's under it.

Still playing with the basics of the receiver. Getting much more than my
old Selena B210... made in CCCP. Only thing is the sound from the inside
speaker: nothing to write home about.

Since cash is not an available commodity at the moment, I will check if I
can make an external speaker recycling a loudspeaker from an old stereo.

Hi Andrea

Many thanks for the information, I can understand your reluctance to peel
away the label but wouldn't be surprised if you did that you'd find
"NRD-525" :-)

What about on the rear, at the right hand side, does that have another
NRD-525G sticker or does that show just NRD-525?

An external speaker should certainly show an improvement but you have to
watch out for loading and drive capability.
The NRD-525 speaker output is rated at 0.5W or more into 4 ohms at 10%
distortion.

I've found old stereo speakers can work well but they're often designed
for much higher drive levels so the sound output can sometimes be quite low,
and if it's an 8 ohm speaker the sound output will be halved.
If you have a pair of 8 ohm speakers you could use them in parallel, but
don't try that with a pair of 4 ohm speakers as that could overload the
output and might damage the audio amplifier in the receiver.
As long as you make sure the load seen by the radio is always 4 ohms or
more you shouldn't do any harm trying out different speakers.

Another economical idea is to use a single amplified PC speaker, or a pair
if they're hard wired together, from either the record socket on the front
panel or the line output at the rear. Again it can be a bit "cut and try",
I've found the gain, output level, and quality, can vary quite a bit,
despite the exaggerated claims often made for such items, but they are widely
available and often very cheaply.

The line output and record sockets are fed via a series 470 ohm resistor
following the line amplifier so should be a bit more forgiving of overload,
still best avoided though, but be careful with the headphone socket. That

has a 100 ohm series protection resistor but the schematic shows it as fitted in the ground return not the audio feed. This is fine under normal circumstances, if just using that socket for phones for example, but beware of taking an audio feed from the phone socket to an amp say that is already grounded to one of the phono connectors on the receiver as this will bypass that resistor.
I know that sounds a bit, or perhaps a lot:-), OTT, but I've seen some quite serious damage on a variety of equipment when ground returns sometimes haven't ended up where expected.

regards

Nigel
GM8PZR

2606. Re: New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-11-01 09:53:23 UTC
From: uaz85
Topic: 2589 Message: 2606

--- In nrd-525-535@yahoogroups.com, poldhu1901@... wrote:

CROPPED

> Many thanks for the information, I can understand your reluctance to peel
> away the label but wouldn't be surprised if you did that you'd find
> "NRD-525" :-)
>
> What about on the rear, at the right hand side, does that have another
> NRD-525G sticker or does that show just NRD-525?
>
CROPPED

> Nigel
> GM8PZR
>

At the back, again, the model is indicated on a sticker, and not silkscreen printed, just above the serial (BTW, it's in the range 47###, any suggestion about build date?).

Don't worry about me messing with the audio outputs. Usually those speakers are 8 ohm, at worst the sound will be a tad weak, but always better than the inside speaker.

Andrea

2607. Re: [nrd-525-535] Re: New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-11-01 11:52:05 UTC
From: poldhu1901@aol.com
Topic: 2589 Message: 2607

In a message dated 01/11/2011 09:53:28 GMT Standard Time, uaz85@...
writes:

At the back, again, the model is indicated on a sticker, and not
silkscreen printed, just above the serial (BTW, it's in the range 47###, any
suggestion about build date?).

It would be interesting to know if these labels were attached by JRC or
one or more European importers, but don't suppose we ever will though:-)

It's also interesting to note that the online photos with the G sticker
were for serial number 38438 and yours with similar sticker has serial number
47xxx, whilst mine without sticker has serial number 40xxx, so it would
seem the stickers were fitted to a batch, or even individual receivers, as
required.

I don't have any information on production dates, although given that even
the "newest" NRD-525 is now going to be nearly 20 years old it's perhaps
not too significant after all this time:-), but I did find an online "for
sale " advert from 2008 that listed an NRD-525 with a 49xxx serial number as
being a "late model with high serial".
Assuming that's correct then yours would seem to be a reasonably late one
too so, given quoted production dates of 1986 to 1992, I would suggest
perhaps somewhere around 1990?

regards

Nigel
GM8PZR

2608. Re: New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-11-01 19:10:04 UTC
From: caladonia5560
Topic: 2589 Message: 2608

Some (maybe all?) shortwave receivers made for sale to the German market in the 1980's such as the Grundig Satellit 600 and Icom R71D had an upper limit of 26.1 MHz. This requirement was evidently dropped at some point. Does anyone know the reason for this and I wonder if this applied to JRC receivers sold there?

Les

--- In nrd-525-535@yahoogroups.com, "uaz85" <uaz85@...> wrote:
>
> Hello everyone,
> just got from a colleague at work, who is disposing a relative's radio station, an NRD-525G.
>
> It's a noticeable improvement from the tiny SW receiver I used to use to listen broadcast station, but I feel that I'll need some time to learn how to get the most from this receiver.
>
> Now, for the silly question: what is the difference between the "525" and the "525G"?
>
> Thank you
>
> Andrea
>

2609. Re: [nrd-525-535] Re: New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-11-01 20:19:31 UTC
From: poldhu1901@aol.com
Topic: 2589 Message: 2609

In a message dated 01/11/2011 19:10:11 GMT Standard Time,
caladonia5560@... writes:

Some (maybe all?) shortwave receivers made for sale to the German market
in the 1980's such as the Grundig Satellit 600 and Icom R71D had an upper
limit of 26.1 MHz. This requirement was evidently dropped at some point. Does
anyone know the reason for this and I wonder if this applied to JRC
receivers sold there?

This certainly applied to the Icom R70 and 72 as well as the R71, and also
to several Sony radios that I'm aware of, as well as to a variety of other
receivers.

The existence of a special version for Germany is usually documented in the
user manual but I've not seen any reference to a special German edition in
any of the JRC manuals, nor have I come across or heard of any JRC sets so
restricted, but am happy to be corrected if I'm wrong.

The International Shortwave bands are generally defined as covering 2.3 to
26.1MHz, although usage above 5.9 MHz seems a bit more common than the
lower frequencies so it would seem that German regulations at that time were
intended to restrict listening to Long, Medium, and Shortwave commercial
broadcasting, although that would obviously include other services within that
range.

Professional receivers didn't seem to be affected and, at least according
to the online comment I've reproduced below, neither were receivers sold to
radio amateurs, so perhaps manufacturers were allowed some leeway in how
they specified their target market, and perhaps that explains why JRC sets
might not have been affected either.....

Between 1980 and 1990, West-Germany restricted the coverage of shortwave
receivers sold to the general public to 150kHz-26.1MHz. Receivers sold to
radio amateurs were exempt. Many popular amateur and shortwave broadcast
receivers had special versions for Germany. Even my Lowe HF-225 receiver had a
version for Germany. In most cases it was easy to restore the coverage back
to 30MHz (e.g. by placing or removing a jumper on the circuit board), but
in West-Germany it was strictly prohibited to point a screwdriver, let alone
a soldering iron at any radio equipment if you were not a radio amateur or
certified repairman. When Germany was unified in 1990, shortwave receivers
were allowed to have a coverage up to 30MHz again. A few years later, all
restrictions on coverage of receivers were removed. For a few years during
the 1990s, scanning was completely legal in Germany, just like The
Netherlands.

Whether or not this restriction was originally influenced by the upsurge in illegal CB operation around that time I don't know, but so far I haven't come across any other explanation for it.

regards

Nigel
GM8PZR

2610. Re: [nrd-525-535] Re: New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-11-03 15:36:58 UTC
From: 1ikaa - Andrea
Topic: 2589 Message: 2610

Da: "poldhu1901@..." <poldhu1901@aol.com>
A: nrd-525-535@yahoogroups.com
Inviato: Martedì 1 Novembre 2011 9:52
Oggetto: Re: [nrd-525-535] Re: New member from Italy and a silly question...

In a message dated 31/10/2011 23:12:46 GMT Standard Time, uaz85@yahoo.it
writes:

CROPPED

>
>Since cash is not an available commodity at the moment, I will
check if I can make an external speaker recycling a loudspeaker from an old
stereo.

Hi Andrea
 CROPPED

An external speaker should certainly show an improvement but you have to
watch out for loading and drive capability.
The NRD-525 speaker output is rated at 0.5W or more into 4 ohms at 10%
distortion.

I've found old stereo speakers can work well but they're often
designed for much higher drive levels so the sound output can sometimes be
quite low, and if it's an 8 ohm speaker the sound output will be
halved.
If you have a pair of 8 ohm speakers you could use them in parallel,
but don't try that with a pair of 4 ohm speakers as that could overload the
output and might damage the audio amplifier in the receiver.
As long as you make sure the load seen by the radio is always 4 ohms or
more you shouldn't do any harm trying out different speakers.

CROPPED

I've tried with an old box I had. Two 8 ohm speakers already linked in parallel. Sound isn'
very high, but the quality has dramatically improved.

Andrea

2611. Re: [nrd-525-535] Re: New member from Italy and a silly question...

Yahoo group: nrd-525-535
Date: 2011-11-04 01:52:57 UTC
From: B A
Topic: 2589 Message: 2611

*I have 2 Kenwood SP520's for cxheap. $20.00 each and they will really make it sound nice but i do not ship outside the US. Do you have a US address? That price does not include shipping. I suggest you enjoy the radio and stop wondering about this "G". I'm sure it's the same radio inside.
*
On Tue, Nov 1, 2011 at 3:52 AM, <poldhu1901@...> wrote:

> **
>
>
> **
> In a message dated 31/10/2011 23:12:46 GMT Standard Time, uaz85@...es:
>
> Indeed my 525G has the model denomination not silkscreen printed on the
> front panel but rather on a sticker. I don't want to try to peel the label
> away, but it would be interesting to see what's under it.
>
> Still playing with the basics of the receiver. Getting much more than my
> old Selena B210... made in CCCP. Only thing is the sound from the inside
> speaker: nothing to write home about.
>
> Since cash is not an available commodity at the moment, I will check if I
> can make an external speaker recycling a loudspeaker from an old stereo.
>
> ----------
> Hi Andrea
>
> Many thanks for the information, I can understand your reluctance to peel
> away the label but wouldn't be surprised if you did that you'd find
> "NRD-525" :-)
>
> What about on the rear, at the right hand side, does that have another
> NRD-525G sticker or does that show just NRD-525?
>
> An external speaker should certainly show an improvement but you have to
> watch out for loading and drive capability.
> The NRD-525 speaker output is rated at 0.5W or more into 4 ohms at 10%
> distortion.
>
> I've found old stereo speakers can work well but they're often designed
> for much higher drive levels so the sound output can sometimes be quite
> low, and if it's an 8 ohm speaker the sound output will be halved.
> If you have a pair of 8 ohm speakers you could use them in parallel,
> but don't try that with a pair of 4 ohm speakers as that could overload the

> output and might damage the audio amplifier in the receiver.
> As long as you make sure the load seen by the radio is always 4 ohms or
> more you shouldn't do any harm trying out different speakers.
>
> Another economical idea is to use a single amplified PC speaker, or a pair
> if they're hard wired together, from either the record socket on the front
> panel or the line output at the rear. Again it can be a bit "cut and try",
> I've found the gain, output level, and quality, can vary quite a bit,
> despite the exaggerated claims often made for such items, but they are
> widely available and often very cheaply.
>
> The line output and record sockets are fed via a series 470 ohm resistor
> following the line amplifier so should be a bit more forgiving of overload,
> still best avoided though, but be careful with the headphone socket. That
> has a 100 ohm series protection resistor but the schematic shows it
> as fitted in the ground return not the audio feed. This is fine under
> normal circumstances, if just using that socket for phones for example, but
> beware of taking an audio feed from the phone socket to an amp say that is
> already grounded to one of the phono connectors on the receiver as this
> will bypass that resistor.
> I know that sounds a bit, or perhaps a lot:-), OTT, but I've seen
> some quite serious damage on a variety of equipment when ground returns
> sometimes haven't ended up where expected.
>
> regards
>
> Nigel
> GM8PZR
>
>
>
>
>

--
Thanks !!!!,

Bob

2612. 525 question

Yahoo group: nrd-525-535
Date: 2011-11-14 19:14:57 UTC
From: John Miller
Topic: 2612 Message: 2612

I may have the opportunity to get a NOS 525, anything I should consider before I decide?

At one time owner several JRC's so am familiar with the line.

73

John

2613. Re: [nrd-525-535] 525 question

Yahoo group: nrd-525-535
Date: 2011-11-14 20:45:18 UTC
From: B A
Topic: 2612 Message: 2613

*Well, it's a good receiver, almost as good as the 535 and 545. If your getting a good deal and paying cheap and you realize there's not much on HF anymore then go for it. Only in my opinion is HF Dead. Most times nothing but noise noise noise. Even the HAMS complain about it. But that's only my opinion. I had a 535 and I still have a R-5000 with the converter and I only use that for 11,175 military. I tried tuning in a MARS station the other day. Encrypted! 20 years ago HF was the balls. Now the SW stations have moved over to the Internet, most of them. Only my opinion.
*
On Mon, Nov 14, 2011 at 1:14 PM, John Miller <aksafety@...> wrote:

> **
>
>
> I may have the opportunity to get a NOS 525, anything I should consider
> before I decide?****
>
> ** **
>
> At one time owner several JRC’s so am familiar with the line.****
>
> ** **
>
> 73****
>
> ** **
>
> John****
>
>
>

--
Thanks !!!!,

Bob

2614. RXCommander V 6.3

Yahoo group: nrd-525-535
Date: 2011-12-24 19:02:30 UTC
From: SMS_1947
Topic: 2614 Message: 2614

Hi All,

I've downloaded the latest version of RXcommander for use with my NRD 535D. Is there a help file available or any help on the setup procedures?

TIA

Margetts

2615. JRC 525 LCD Display

Yahoo group: nrd-525-535
Date: 2012-02-05 13:51:53 UTC
From: pietro
Topic: 2615 Message: 2615

Hello List,

my old JRC-NRD-525 has a dimmed LCD Display, specially on the left-hand side (s-meter). Does anyone know where to find a LCD-display spare part (like mission impossible) or anyone have a broken / defective receiver for unmounting and sell the display ?

Thank you very much for any usefull info !

Please visit my page http://hummer92.homeip.net/~hb9rxc for the latest versions of RXCommander (normal and client-server) free remote control software (525 and 535).

ciao Pietro

2616. Re: JRC 525 LCD Display

Yahoo group: nrd-525-535
Date: 2012-02-08 00:25:20 UTC
From: ch10uk
Topic: 2615 Message: 2616

Hello

I have read that turning on the NRD-525 and leaving it will eventually "rejuvenate" the display if it is dim? never tried it though

Chris

--- In nrd-525-535@yahoogroups.com, "pietro" <pietro.bossi@...> wrote:
>
> Hello List,
>
> my old JRC-NRD-525 has a dimmed LCD Display, specially on the left-hand side (s-meter). Does anyone know where to find a LCD-display spare part (like mission impossible) or anyone have a broken / defective receiver for unmounting and sell the display ?
>
> Thank you very much for any usefull info !
>
> Please visit my page http://hummer92.homeip.net/~hb9rxc for the latest versions of RXCommander (normal and client-server) free remote control software (525 and 535).
>
> ciao Pietro
>

2617. Re: NRD-525 and 535 CPU Batteries

Yahoo group: nrd-525-535
Date: 2012-02-09 05:55:23 UTC
From: johndokulil
Topic: 2603 Message: 2617

What I did on my NRD-534Db:

Replacing the Lithium CR2032-1HS cell every couple of years has now become tiresome at best (I am averaging about 5 to 7 years per cell). Not to mention the effort involved trying to find someone who sells such a creature that has NOT been sitting on a shelf for the past 3 to 5 years loosing it's charge before being sold to me. And the cost compared to other comparable cell/Battery is extravagant.

The Cure:
I replaced the soldered in CR2032-1HS cell with an exchangeable Lithium CR123A Battery. All I did was to replace the soldered in CR2032-1HS cell with a CR123A battery holder. Now when it needs replacing, all I do is pop the old cell out, and pop a new one in.
Note: Some manufacturer of CR123A Battery holders are larger than others, make sure the size you get will fit the space provided for the cell on the circuit board.

Advantages in changing over to a CR123A cell
1 - The Lithium CR123A Battery is now easily changed (no soldering).
2 - The Lithium CR123A Battery is found in almost every Camera, Hardware and Drug store.
3 - The Lithium CR123A Battery last 3 times longer than the CR2032-1HS cell.
4 - The Lithium CR123A Battery is about 60% cheaper than the CR2032-1HS cell.

2618. Re: [nrd-525-535] Re: NRD-525 and 535 CPU Batteries

Yahoo group: nrd-525-535
Date: 2012-02-09 10:35:27 UTC
From: poldhu1901@aol.com
Topic: 2603 Message: 2618

Many thanks for the reply, that's exactly the sort of information I was looking for but I couldn't find a battery holder that fitted so gave up in the end and soldered in replacement Varta CR2032s on both the 525 and 535.

Oh well, I'll check again next time, but that shouldn't be for a while yet:-)

regards

Nigel
GM8PZR

In a message dated 09/02/2012 05:55:30 GMT Standard Time, johndokulil@... writes:

What I did on my NRD-534Db:

Replacing the Lithium CR2032-1HS cell every couple of years has now become tiresome at best (I am averaging about 5 to 7 years per cell). Not to mention the effort involved trying to find someone who sells such a creature that has NOT been sitting on a shelf for the past 3 to 5 years loosing it's charge before being sold to me. And the cost compared to other comparable cell/Battery is extravagant.

The Cure:
I replaced the soldered in CR2032-1HS cell with an exchangeable Lithium CR123A Battery. All I did was to replace the soldered in CR2032-1HS cell with a CR123A battery holder. Now when it needs replacing, all I do is pop the old cell out, and pop a new one in.
Note: Some manufacturer of CR123A Battery holders are larger than others, make sure the size you get will fit the space provided for the cell on the circuit board.

2619. Re: New to the group

Yahoo group: nrd-525-535
Date: 2012-02-23 21:39:04 UTC
From: kloo1063
Topic: 939 Message: 2619

--- In nrd-525-535@yahoogroups.com, "Brian Denley" <b.denley@...> wrote:
>
> Welcome to the group! It's a great radio.
> Brian Denley
> http://home.comcast.net/~b.denley/index.html
>
> ----- Original Message -----
> From: "Mike Rohde" <merohde@...>
> To: <nrd-525-535@yahoogroups.com>
> Sent: Sunday, December 09, 2007 9:03 PM
> Subject: [nrd-525-535] New to the group
>
>
> Hello all,
> I just joined this group. I just bought a NRD-535D and am anxious to hear
> and learn more about this radio and everyone's experiences with it. My
> primary purpose is for SWL and DXing. This is a hobby that I have been in
> and out of for the last 40 yrs. So, glad to be a member of the group and I
> hope to be able to contribute to the community.
>
>
> 73, Mike
>
I have the NRD-535D, too. Fantastic radio. I use a indoor loop (a 2ft box loop) due to antenna restrictions in my place. The loop is usually kept about 3 ft away from the receiver to keep the display's interference down. I find that placing a smaller loop in front of the display and tune it to a certain frequency to reduce the interference down even further. (the smaller loop is a Grundig AN-200). I could hear a distant, weak AM BCB station 10 kHZ away from a strong local station whose transitter is about 3 miles away.

2620. CMK165 VHF/UHF converter for sale

Yahoo group: nrd-525-535
Date: 2012-03-08 00:53:48 UTC
From: mi0jst
Topic: 2620 Message: 2620

Any intrest in a CMK165 VHF/UHF converter for the NRD-525? Both boards of course working very well indeed.

email me off list if interested.

kind regards

Vic

2621. Re: [nrd-525-535] CMK165 VHF/UHF converter for s ale

Yahoo group: nrd-525-535
Date: 2012-03-08 13:30:04 UTC
From: vic@mi0jst.co.uk
Topic: 2621 Message: 2621
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

2622. radios for sale

Yahoo group: nrd-525-535
Date: 2012-03-20 09:29:41 UTC
From: stuart
Topic: 2622 Message: 2622

hi group. i have for sale 1 nrd jrc 535 in pristine condition it has the ECSS board and the BWC board fitted also i have a icom icr-7100 with the voice module also in perfect condition . looking for $1.650 for the pair cheers Stuart..

2623. TS-930S Battery Cover

Yahoo group: nrd-525-535
Date: 2012-03-20 13:13:57 UTC
From: WalterT
Topic: 2623 Message: 2623

We're involved with an estate sale of ham equipment. There is a TS-930SAT that is missing the small plate (on case top) over the memory
batteries and the original mike. By any chance is anyone parting out such a unit? If so, is the cover plate and/or mike available?
Tks & 73
Walt (N4GL)

2624. (no subject)

Yahoo group: nrd-525-535
Date: 2012-03-22 14:20:01 UTC
From: Dino Bloise
Topic: 2624 Message: 2624

Make aI0t 0f m0ney using y0ur PC
http://l2aura.zxq.net/httqworkhome.php?guwpage=941

Thu, 22 Mar 2012 15:20:00

_____
" And she haint sweated a hair--not ahair." (c) garrett visszaterek

2625. parts source

Yahoo group: nrd-525-535
Date: 2012-04-29 21:17:09 UTC
From: swldxusa
Topic: 2625 Message: 2625

Hi folks,

I have a NRD-535D that works fine, but has been fitted with a main tuning knob that was not designed for a communications receiver.

I tried contacting the US office of JRC for parts via their website, but haven't received a reply.

Can anyone point me to where I might find an original tuning knob (or a close replacement)?

Thanks...Greg.

2626. Re: parts source

Yahoo group: nrd-525-535
Date: 2012-05-02 13:29:00 UTC
From: John
Topic: 2625 Message: 2626

Hi Greg

Look at eblay and be very patient, occasionally 535 sets are parted out.
Search under jrc nrd, there are a few other parts available now, maybe you could ask them if they have one available.
I replaced my main tuning knob after a few years of waiting, my original tuner knob had some deep scratches in it.

Good luck.

Regards John

--- In nrd-525-535@yahoogroups.com, "swldxusa" <w1usa@...> wrote:
>
> Hi folks,
>
> I have a NRD-535D that works fine, but has been fitted with a main tuning knob that was not designed for a communications receiver.
>
> I tried contacting the US office of JRC for parts via their website, but haven't received a reply.
>
> Can anyone point me to where I might find an original tuning knob (or a close replacement)?
>
> Thanks...Greg.
>

2627. Wanted: NRD-525

Yahoo group: nrd-525-535
Date: 2012-05-13 19:22:07 UTC
From: gtsrmike
Topic: 2627 Message: 2627

Hello,

If anyone has an NRD-525 available please send me an e-mail as I'm looking to purchase one. Pictures would be appreciated. Thank you.

- Mike/KC2TAU

2628. RE: [nrd-525-535] Wanted: NRD-525

Yahoo group: nrd-525-535
Date: 2012-05-14 11:48:20 UTC
From: Charles
Topic: 2627 Message: 2628

Mike,

I have a NRD 525 AND an NRD535D I want to get rid of. the 525 is in fair condx and the 535D is in good

condx. As is on both and make me an offer.

Chuck

ka4prf@...

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of gtsrmike
Sent: Sunday, May 13, 2012 7:22 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Wanted: NRD-525

Hello,

If anyone has an NRD-525 available please send me an e-mail as I'm looking to purchase one. Pictures would be appreciated. Thank you.

- Mike/KC2TAU

2629. NRD-525 panadapter connection?

Yahoo group: nrd-525-535
Date: 2012-05-15 00:14:23 UTC
From: gtsrmike
Topic: 2629 Message: 2629

I'm trying to figure out where would be a good place to make a tap in order to bring out the 70mhz first IF to the rear of the radio to be used with an SDR serving as a panadapter.

I'm looking at the schematic for the HF Tune module and it seems like test point 1 might be a good place to make a connection. I'm trying to avoid having to solder a wire directly to a pad where a component lies for the sake of not having to apply heat to small componentry.

Another possible tap point might be pin 1 on connector 29 on the IF filter board.

Any thoughts would be greatly appreciated.

- Mike/KC2TAU

2630. Re: [nrd-525-535] NRD-525 panadapter connection?

Yahoo group: nrd-525-535
Date: 2012-05-15 11:22:59 UTC
From: poldhu1901@aol.com
Topic: 2629 Message: 2630

Hi Mike

If you're looking at the same TP1 as I am, inside the screened box that contains the first mixer, then that's between the RF amp and the first mixer so you wouldn't be picking off the 70MHz first IF at that point.
TP1 is normally used to monitor the RF input after it's passed through the front end pass band filters when adjusting those filters.

Would it not be more convenient to use a pick off point on the motherboard?, I assume it should be easy enough to solder a connection to one of the edge connectors and that way there's no hassle if you need to remove a circuit board.

I don't know what the bandwidth is of the 70MHz IF when it leaves the HF Tune board, I can't see that specified in the manual, but it will be limited by the front end bandpass tuning, although it is possible to bypass that.
The 70MHz IF passes through a 12KHz wide filter as soon as it enters the CFH36 filter board and the first filter in the 455KHz IF is also 12KHz wide so you'd probably get a similar panadapter result in that case by using the 455KHz IF, and it should be a lot more straightforward using a lower frequency SDR.

Ironically, TP1 on the IF board is used for monitoring the 70MHz IF, after the 12KHz wide filter, but again it's under a screened cover.

If you do need the unfiltered higher bandwidth then you would be stuck with using the 70MHz IF where it leaves the HF Tune module and enters the IF filter. I would still expect picking off at the edge connector would be the best option but you might need some form of buffer amp and routing that signal through the receiver might cause some problems.

If 12KHz bandwidth is acceptable then I would certainly recommend using the 455KHz IF.
You might still need a buffer amp but again that's going to be more straightforward at the lower frequency and there's a lot more SDR options too.

The Softrock receivers are the first that come to mind, but there's plenty of others available now.

Another option is to use a conventional mixer approach to convert from 455KHz down to 12KHz, coincidentally nicely matching the bandwidth:-), and then feed straight into a soundcard.

There's been a number of free programs offered online that will run on a soundcard, one example is "Spectrum Lab", and a recent interesting variation is MDSRadio
MDSRadio is aimed at primarilly at Icom receivers and transceivers and

includes a CAT interface as well as the SDR demodulator but the demodulator section should work with any 455KHz IF.
They even offer a kit for the downconverter:-)

There's a user group for that at....

http://groups.yahoo.com/group/mdsradio/
(http://groups.yahoo.com/group/mdsradio/)

Regards

Nigel
GM8PZR

In a message dated 15/05/2012 01:14:29 GMT Daylight Time,
gtsrmike@... writes:

I'm trying to figure out where would be a good place to make a tap in order to bring out the 70mhz first IF to the rear of the radio to be used with an SDR serving as a panadapter.

I'm looking at the schematic for the HF Tune module and it seems like test point 1 might be a good place to make a connection. I'm trying to avoid having to solder a wire directly to a pad where a component lies for the sake of not having to apply heat to small componentry.

Another possible tap point might be pin 1 on connector 29 on the IF filter board.

Any thoughts would be greatly appreciated.

2631. Re: NRD-525 panadapter connection?

Yahoo group: nrd-525-535
Date: 2012-05-15 23:15:54 UTC
From: gtsrmike
Topic: 2629 Message: 2631

Thank you for the thorough response.

I'm looking for a wide bandwidth pick off point so the connection out of the HF Tune module might be the best bet. What problems might occur in routing the signal through the receiver? Are you referring to physical challenges of routing the wiring or actual electrical problems with the operation of the receiver?

- Mike

--- In nrd-525-535@yahoogroups.com, poldhu1901@... wrote:
>
> Hi Mike
>
> If you're looking at the same TP1 as I am, inside the screened box that
> contains the first mixer, then that's between the RF amp and the first mixer
> so you wouldn't be picking off the 70MHz first IF at that point.
> TP1 is normally used to monitor the RF input after it's passed through the
> front end pass band filters when adjusting those filters.
>
> Would it not be more convenient to use a pick off point on the
> motherboard?, I assume it should be easy enough to solder a connection to one of the
> edge connectors and that way there's no hassle if you need to remove a
> circuit board.
>
> I don't know what the bandwidth is of the 70MHz IF when it leaves the HF
> Tune board, I can't see that specified in the manual, but it will be limited
> by the front end bandpass tuning, although it is possible to bypass that.
> The 70MHz IF passes through a 12KHz wide filter as soon as it enters the
> CFH36 filter board and the first filter in the 455KHz IF is also 12KHz wide
> so you'd probably get a similar panadapter result in that case by using the
> 455KHz IF, and it should be a lot more straightforward using a lower
> frequency SDR.
>
> Ironically, TP1 on the IF board is used for monitoring the 70MHz IF, after
> the 12KHz wide filter, but again it's under a screened cover.
>
> If you do need the unfiltered higher bandwidth then you would be stuck
> with using the 70MHz IF where it leaves the HF Tune module and enters the IF
> filter. I would still expect picking off at the edge connector would be the
> best option but you might need some form of buffer amp and routing that
> signal through the receiver might cause some problems.
>
> If 12KHz bandwidth is acceptable then I would certainly recommend using the
> 455KHz IF.
> You might still need a buffer amp but again that's going to be more
> straightforward at the lower frequency and there's a lot more SDR options too.

>
> The Softrock receivers are the first that come to mind, but there's plenty
> of others available now.
>
> Another option is to use a conventional mixer approach to convert from
> 455KHz down to 12KHz, coincidentally nicely matching the bandwidth:-), and then
> feed straight into a soundcard.
>
> There's been a number of free programs offered online that will run on a
> soundcard, one example is "Spectrum Lab", and a recent interesting variation
> is MDSRadio
> MDSRadio is aimed at primarilly at Icom receivers and transceivers and
> includes a CAT interface as well as the SDR demodulator but the demodulator
> section should work with any 455KHz IF.
> They even offer a kit for the downconverter:-)
>
> There's a user group for that at....
>
> _http://groups.yahoo.com/group/mdsradio/_
> (http://groups.yahoo.com/group/mdsradio/)
>
>
> Regards
>
> Nigel
> GM8PZR
>
>
>
>
> In a message dated 15/05/2012 01:14:29 GMT Daylight Time,
> gtsrmike@... writes:
>
> I'm trying to figure out where would be a good place to make a tap in
> order to bring out the 70mhz first IF to the rear of the radio to be used with
> an SDR serving as a panadapter.
>
> I'm looking at the schematic for the HF Tune module and it seems like test
> point 1 might be a good place to make a connection. I'm trying to avoid
> having to solder a wire directly to a pad where a component lies for the sake
> of not having to apply heat to small componentry.
>
> Another possible tap point might be pin 1 on connector 29 on the IF filter
> board.
>
> Any thoughts would be greatly appreciated.
>

2632. Re: [nrd-525-535] Re: NRD-525 panadapter connection?

Yahoo group: nrd-525-535
Date: 2012-05-16 02:05:03 UTC
From: poldhu1901@aol.com
Topic: 2629 Message: 2632

In a message dated 16/05/2012 00:16:00 GMT Daylight Time,
gtsrmike@... writes:

Thank you for the thorough response.

I'm looking for a wide bandwidth pick off point so the connection out of
the HF Tune module might be the best bet. What problems might occur in
routing the signal through the receiver? Are you referring to physical
challenges of routing the wiring or actual electrical problems with the operation of
the receiver?

Hi Mike

I guessed the higher bandwidth was likely to be a deciding factor but my
comment re possible problems routing the signal wasn't so much to do with the
physical routing as to potential RF issues.

Whilst everything might be fine there's always a higher chance of leakage
at 70MHz than there is at 455KHz, and it's not easy to predict what effect
that might have without trying it.

A good quality thin coax, such as RG174, should provide sufficiently low
leakage but, despite the 7oMHz IF being transformer coupled both at the
output of the HF Tune module and input of the IF filter module, it's not
immediately obvious what impedance either is expecting to see so a buffer amp
might be needed.
Given the by default very short signal path off board, the PCBs are
adjacent in the mother board, I don't suppose the designers needed to give too
much consideration to internal 70MHz cross coupling, so again it's a bit of
an unknown.

Whilst a buffer amp close to the pick off point could minimise loading,
the amp itself could radiate more than a length of coax might, so once again
back to suck it and see.

Regards

Nigel
GM8PZR

2633. original LOWE modified NRD535DG on ebay Germany

Yahoo group: nrd-525-535
Date: 2012-05-17 11:21:13 UTC
From: dfas_eu
Topic: 2633 Message: 2633

one of the most wanted NRD / LOWE receivers are the NRD535DG modified by LOWE. I will sell mine on ebay Germany under Auction Nr. 110879639001.

This receiver is in perfect condition. Comes with the orig. LOWE emblem on front of the Receiver, the LOWE Test Certificate and the orig. NRD Tag. A copy of the german owners manual as well as a CD with different manuals, Repair manual, Test reports, Software etc. will be included. So - if someone is interessted - I am willing to ship worldwide. This is a one time chance to own one of a handfull of these wonderfull receivers. I have never seen one offered before.

2634. Re: parts source

Yahoo group: nrd-525-535
Date: 2012-05-21 22:09:45 UTC
From: swldxusa
Topic: 2625 Message: 2634

Thanks John. I did manage to get a knob for the 525, which although slightly different cosmetically, fits the 535 perfectly.

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Hi Greg
>
> Look at eblay and be very patient, occasionally 535 sets are parted out.
> Search under jrc nrd, there are a few other parts available now, maybe you could ask them if they have one available.
> I replaced my main tuning knob after a few years of waiting, my original tuner knob had some deep scratches in it.
>
> Good luck.
>
> Regards John
>
> --- In nrd-525-535@yahoogroups.com, "swldxusa" <w1usa@> wrote:
> >
> > Hi folks,
> >
> > I have a NRD-535D that works fine, but has been fitted with a main tuning knob that was not designed for a communications receiver.
> >
> > I tried contacting the US office of JRC for parts via their website, but haven't received a reply.
> >
> > Can anyone point me to where I might find an original tuning knob (or a close replacement)?
> >
> > Thanks...Greg.
> >
>

2635. Step size tuning knob NRD525

Yahoo group: nrd-525-535
Date: 2012-05-31 09:16:54 UTC
From: Raymond Boute
Topic: 2635 Message: 2635

Dear fellow NRD525 users,

I have an NRD525 where the increment using the tuning knob is 100 Hz
instead of the 10 Hz specified in the manual. This is unrelated to
the possibility of making the 10 Hz digit invisible. Setting the
frequency via the keyboard also functions normally.
Q: Is the 100 Hz increment a special setting that can be easily
reverted to 10 Hz, or is it a malfunction?

Regards,

Raymond ON4DBV

2636. Re: [nrd-525-535] Step size tuning knob NRD525

Yahoo group: nrd-525-535
Date: 2012-05-31 11:00:26 UTC
From: Jim DiMauro
Topic: 2635 Message: 2636

Raymond:

Press the Run button above the P. Level/Notch knob. This will toggle
the tuning step between 10 Hz and 100 Hz.

73,
Jim
W2BVM

On May 31, 2012, at 5:16 AM, Raymond Boute wrote:

> Dear fellow NRD525 users,
>
> I have an NRD525 where the increment using the tuning knob is 100 Hz
> instead of the 10 Hz specified in the manual. This is unrelated to
> the possibility of making the 10 Hz digit invisible. Setting the
> frequency via the keyboard also functions normally.
> Q: Is the 100 Hz increment a special setting that can be easily
> reverted to 10 Hz, or is it a malfunction?
>
> Regards,
>
> Raymond ON4DBV
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

2637. Wanted: NVA-319

Yahoo group: nrd-525-535
Date: 2012-06-01 00:45:55 UTC
From: ka5tro
Topic: 2637 Message: 2637

If anyone has an NVA-319 they'd like to sell, I'm in the market for one. Please contact me off list with particulars.

Thanks,

Tony KA5TRO

2638. Re: Turning off the NRD-535D display

Yahoo group: nrd-525-535
Date: 2012-06-11 08:23:03 UTC
From: John
Topic: 2228 Message: 2638

Hi All

This is an update.

The on/off mod to my display has been working for over a year now with no negative effects.

The reduction of RFI from the display is instant when the switch is thrown.

I can now listen to beacons with No interference from the 535 itself.

Regards John
VK2XCQ

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Hi All
>
> I added an image of the test mockup of the display control switch .
> I think it is fairly clear how it works.
>
> http://f1.grp.yahoofs.com/v1/cJS8TVD-Y-5PQcXD5FkkcPMOFa39UXZkcjNqC3wRLeRNyyfZ9yeECl7RLgGTG9iVrvc8_xbOYOI6UdNrwxvKnLns9aObQZu4ktD2zROf/Reducing%20RFI%20mods/Turn%20display%20off%20mod.JPG
>
> Regards to all.
> John
>
> --- In nrd-525-535@yahoogroups.com, "John" <adams@> wrote:
> >
> > Hi All
> >
> > I now have a simple to do mod that anyone with basic soldering skills can do.
> > Only the top cover needs to be removed to do it.
> >
> > Parts list:
> > A miniature 3-5 amp toggle switch. single or double pole double throw. please use a minature switch or it will look out of place.
> > 3 to 5 inches of flexible power wire.
> > 2 inches of heat shrink tubing.
> > 1x 470 to 1K ohm 1/4 W resistor
> >
> > Instructions:
> > If you have poor soldering skills and no drilling experience, get someone else to do it.
> > Disconnect everything from your radio, especially the power.
> > Take off the top lid of the 535.

> > You will be working at the rear of the 535.
> > In the power supply area locate the CBD-1080 AVR regulator board.
> > Using a solder sucker, desolder the number 3 power line that provides 9v to the display inverter, it is a little tricky as the orange cable is a little difficult to pull out, so i desoldered it and pushed it out of the #3 hole.
> > To make the soldering easier, presolder (wet) one end of the 3 to 5 inch power lead. insert it from below through the PC board into the #3 hole and solder in place, you will need to make the wire in the shape of a U or J so it enters the #3 hole.
> > Work out where to drill the hole in the rear panel, take into account the depth of the switch and the power cables that will be soldered to the switch. This may take you a few goes to get it right, please do not start drilling until YOU have the position right.
> >
> > Turn the radio upside down and drill a small whole to fit the toggle switch thorugh. A good suggestion is to have a vacuum cleaner running right at the drilling face to catch any metal shavings. Take extra time and make sure YOU remove ALL shavings or they will damage or destroy your 535.
> > Verify the miniature switch fits your hole.
> > Turn the 535 upright.
> >
> > You should now have a hole that fits the switch.
> > All drill shavings removed.
> > 2 loose power leads
> > 1 miniature toggle switch.
> > Some heat shrink and a resistor.
> >
> > Shorten the 3 to 5 inch cable to comfortably allow you to solder it to the toggle switch before the switch is installed in the rear panel, of course allowing enough length so the switch can be placed on its hole.
> > Presolder (wet) the end of the shortened 3 to 5 inch cable and once cool place an inch of heat shrink on both loose leads.
> > Solder the shortened lead and solder it to any but the center connecter of the toggle switch.
> > Manipulate the orange wire so it can be soldered to the switch.
> > Solder the orange cable to the centre connection of the switch.
> > Slide the heat shrink over the switch connectors and safely shrink it.
> > Install the switch into the rear panel hole and verify there is no chance of a short circuit occurring.
> >
> > Double check every thing especially the drill shavings.
> > Install the resistor between connect 3 and (4 or 7) on the CBD-1080 AVR regulator board.
> > This give a small load to the 9v power supply when the display is off.
> >
> > If all is ok.
> > Throw the toggle switch to ON.
> >
> > Turn you 535 to be at its front and connect it up.
> > Power up your 535, if all went well , everything will be as normal, including the RFI from the display.
> > Throw the display off toggle switch to OFF.

> > The display of blank, you will find no FRI from the display and your total power used is 25% less, so less heat and things run a lot cooler.
> > Best of all the VFD is not being continuously lit when you are just listening, thus giving it a longer life span.
> >
> > You may now find that the display was not the only source of RFI. But that is an topic already covered by me.
> >
> > FYI, my own version of this mod is a but more involved, by pressing the LOCK button on the front panel turns off the display, much more professional, but a lot more involved. I can provide info if you want it.
> >
> > Have a nice day.
> >
> > Regards John
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > --- In nrd-525-535@yahoogroups.com, "Charles Bolland" <ka4prf@> wrote:
> > >
> > > John,
> > >
> > > I am interested in getting rid of the noise the display
> > > produces; however, the problem with
> > > the heat when the display is turned off would worry me.
> > > Second, I would be satisfied with
> > > just an on and off switch. The automatic turn off
> > > sounds nice, but there would be some
> > > who would like it to be variable so the automatic turn
> > > off times can be changed if needed
> > > or wanted?
> > >
> > > Keep me informed and thanks.
> > >
> > > Chuck
> > > ka4prf@
> > >
> > >
> > > _____
> > >
> > > From: nrd-525-535@yahoogroups.com

> > > [mailto:nrd-525-535@yahoogroups.com] On Behalf Of John
> > > Sent: Tuesday, November 02, 2010 22:58
> > > To: nrd-525-535@yahoogroups.com
> > > Subject: [nrd-525-535] Re: Turning off the NRD-535D
> > > display
> > >
> > >
> > >
> > >
> > > Hi Chuck
> > >
> > > What are your thoughts?
> > >
> > > I am thinking about an auto turn off the display after
> > > 1 minute would be the easiest to do and it is simpler
> > > to install as there is no modifications to the front
> > > panel to do. and if you forget, it turns off the
> > > display for you.
> > >
> > > I am thinking of using the keyboard strobe level or
> > > tuning knob encoder index level to reactivate the
> > > display, this would restart the count-down timer, the
> > > display would stay active for 1 minute after you have
> > > stopped pressing any keys or using the tuning knob.
> > > The minute it is adjustable.
> > > or
> > > Should I just fit a hidden switch that will turn off
> > > and on the inverters for the display.
> > >
> > > One of the problems with a VFD is the heated wires,
> > > turning them on and off is not good due to
> > > heating/cooling stress, so they will need to be left on
> > > with less current just to keep them warm.
> > >
> > > This is an interesting project to get into over my
> > > summer.
> > >
> > > I will keep you all updated.
> > >
> > > Regards John
> > >
> > > --- In nrd-525-535@yahoogroups.com
> > > <mailto:nrd-525-535%40yahoogroups.com> , "Charles
> > > Bolland" <ka4prf@> wrote:
> > > >
> > > > John,
> > > >
> > > > I am not tecnically inclined, so I can't recommend
> > > the
> > > > mod, but when you get

> > > > it finished, I would like to have the details. The
> > > > part about reducing interference from
> > > > the display interests me very much.
> > > >
> > > > Chuck Bolland
> > > > ka4prf@
> > > >
> > > >
> > > > _____
> > > >
> > > > From: nrd-525-535@yahoogroups.com
> > > <mailto:nrd-525-535%40yahoogroups.com>
> > > > [mailto:nrd-525-535@yahoogroups.com
> > > <mailto:nrd-525-535%40yahoogroups.com>] On Behalf Of
> > > John
> > > > Sent: Tuesday, October 26, 2010 11:35
> > > > To: nrd-525-535@yahoogroups.com
> > > <mailto:nrd-525-535%40yahoogroups.com>
> > > > Subject: [nrd-525-535] Turning off the NRD-535D
> > > display
> > > >
> > > >
> > > >
> > > >
> > > > Hi All
> > > > I would like to hear your opinions
> > > > I have not done this yet but I feel I need to.
> > > > As you know the VFD (vacuum fluorescent display) in
> > > the
> > > > 535 has a limited life, as the phosphor gradually
> > > burns
> > > > away. This will make our displays dim and colourless.
> > > >
> > > > I do not use my 535 as much as I would like as my
> > > > display is very dim and is almost not visible in
> > > > daylight.
> > > >
> > > > I have been thinking about a mod that will power down
> > > > the display when it is not needed, like when you have
> > > > found your station and do not need to look at the
> > > > display, but you want to listen to the radio.
> > > > There is a few advantages:
> > > > 1, No EMI noise from the display power supply
> > > > inverters.
> > > > 2. Less power consumed , less heat in the power
> > > supply.
> > > > 3. Longer life span for the VFD and its power supply.
> > > > 4. Lower noise floor in the receiver. the VFD
> > > inverters
> > > > make a lot of EMI and its gets into the 535

> > > everywhere.
> > > > I think thats it.
> > > > I hope to use a front panel switch combination to
> > > throw
> > > > a relay with a bit of simple logic circuitry, that
> > > way
> > > > there is no need to drill and fit extra switches.
> > > >
> > > > Any way, what do you think?
> > > > Is there any pitfalls?
> > > >
> > > > Thanks in advance.
> > > >
> > > > Regards John
> > > > VK2XCQ
> > > >
> > >
> >
>

2639. Re: [nrd-525-535] Re: Turning off the NRD-535D display

Yahoo group: nrd-525-535
Date: 2012-06-11 12:37:48 UTC
From: Bill Cotter
Topic: 2228 Message: 2639

Hi John,

Thanks for the follow up on this interesting mod.

Please note that the url to the mockup returns a 404 error.

Bill N4LG

At 04:23 AM 6/11/2012, you wrote:
>
>
>Hi All
>
>This is an update.
>
>The on/off mod to my display has been working
>for over a year now with no negative effects.
>
>The reduction of RFI from the display is instant
>when the switch is thrown.
>
>I can now listen to beacons with No interference from the 535 itself.
>
>Regards John
>VK2XCQ
>
>--- In
><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com,
>"John" <adams@...> wrote:
> >
> > Hi All
> >
> > I added an image of the test mockup of the display control switch .
> > I think it is fairly clear how it works.
> >
> >
> > <http://f1.grp.yahoofs.com/v1/cJS8TVD-Y-5PQcXD5FkkcPMOFa39UXZkcjNqC3wRLeRNyyfZ9yeECl7RLg
GTG9iVrvc8_xbOYOI6UdNrwxvKnLns9aObQZu4ktD2zROf/Reducing%20RFI%20mods/Turn%20display%20off%
20mod.JPG>http://f1.grp.yahoofs.com/v1/cJS8TVD-Y-5PQcXD5FkkcPMOFa39UXZkcjNqC3wRLeRNyyfZ9ye
ECl7RLgGTG9iVrvc8_xbOYOI6UdNrwxvKnLns9aObQZu4ktD2zROf/Reducing%20RFI%20mods/Turn%20display
%20off%20mod.JPG
> >
> > Regards to all.
> > John
> >
> > --- In

> <mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com,
> "John" <adams@> wrote:
> > >
> > > Hi All
> > >
> > > I now have a simple to do mod that anyone
> with basic soldering skills can do.
> > > Only the top cover needs to be removed to do it.
> > >
> > > Parts list:
> > > A miniature 3-5 amp toggle switch. single
> or double pole double throw. please use a
> minature switch or it will look out of place.
> > > 3 to 5 inches of flexible power wire.
> > > 2 inches of heat shrink tubing.
> > > 1x 470 to 1K ohm 1/4 W resistor
> > >
> > > Instructions:
> > > If you have poor soldering skills and no
> drilling experience, get someone else to do it.
> > > Disconnect everything from your radio, especially the power.
> > > Take off the top lid of the 535.
> > > You will be working at the rear of the 535.
> > > In the power supply area locate the CBD-1080 AVR regulator board.
> > > Using a solder sucker, desolder the number
> 3 power line that provides 9v to the display
> inverter, it is a little tricky as the orange
> cable is a little difficult to pull out, so i
> desoldered it and pushed it out of the #3 hole.
> > > To make the soldering easier, presolder
> (wet) one end of the 3 to 5 inch power lead.
> insert it from below through the PC board into
> the #3 hole and solder in place, you will need
> to make the wire in the shape of a U or J so it enters the #3 hole.
> > > Work out where to drill the hole in the
> rear panel, take into account the depth of the
> switch and the power cables that will be
> soldered to the switch. This may take you a few
> goes to get it right, please do not start
> drilling until YOU have the position right.
> > >
> > > Turn the radio upside down and drill a
> small whole to fit the toggle switch thorugh. A
> good suggestion is to have a vacuum cleaner
> running right at the drilling face to catch any
> metal shavings. Take extra time and make sure
> YOU remove ALL shavings or they will damage or destroy your 535.
> > > Verify the miniature switch fits your hole.
> > > Turn the 535 upright.
> > >

> > > You should now have a hole that fits the switch.
> > > All drill shavings removed.
> > > 2 loose power leads
> > > 1 miniature toggle switch.
> > > Some heat shrink and a resistor.
> > >
> > > Shorten the 3 to 5 inch cable to
> comfortably allow you to solder it to the
> toggle switch before the switch is installed in
> the rear panel, of course allowing enough
> length so the switch can be placed on its hole.
> > > Presolder (wet) the end of the shortened 3
> to 5 inch cable and once cool place an inch of
> heat shrink on both loose leads.
> > > Solder the shortened lead and solder it to
> any but the center connecter of the toggle switch.
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> > > > Sent: Tuesday, November 02, 2010 22:58
> > > > To:
> <mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com
> > > > Subject: [nrd-525-535] Re: Turning off the NRD-535D
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> > > > > Subject: [nrd-525-535] Turning off the NRD-535D
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> > > > > VK2XCQ
> > > > >
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>

2640. Re: Turning off the NRD-535D display

Yahoo group: nrd-525-535
Date: 2012-06-14 05:48:13 UTC
From: John
Topic: 2228 Message: 2640

Hi Bill

Thanks for the problem report.
I just relabeled the files in my folder.
If you go into the files area.
http://groups.yahoo.com/group/nrd-525-535/files/Reducing%20RFI%20mods/

And look at the Display off Mod files, they cover the modification in enough details to do it.
Basically you reroute the orange wire going to the power supply board via a miniature toggle switch.
It makes the difference between hearing a station and hearing noise.
It turns the 535 into a extremely sensitive receiver, that is almost as good as the TenTec RX-340.
The 535 still has CPU birdies but they are very few and do not effect the 535 just other radios around it.

Regards
John Adams
VK2XCQ

--- In nrd-525-535@yahoogroups.com, Bill Cotter <n4lg@...> wrote:
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> Hi John,
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> Thanks for the follow up on this interesting mod.
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> Please note that the url to the mockup returns a 404 error.
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> Bill N4LG
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> At 04:23 AM 6/11/2012, you wrote:
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> >Hi All
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> >This is an update.
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> >The on/off mod to my display has been working
> >for over a year now with no negative effects.
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> >The reduction of RFI from the display is instant
> >when the switch is thrown.
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> >I can now listen to beacons with No interference from the 535 itself.

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> > > I think it is fairly clear how it works.
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> > > <http://f1.grp.yahoofs.com/v1/cJS8TVD-Y-5PQcXD5FkkcPMOFa39UXZkcjNqC3wRLeRNyyfZ9yeECl7RLgGTG9iVrvc8_xbOYOI6UdNrwxvKnLns9aObQZu4ktD2zROf/Reducing%20RFI%20mods/Turn%20display%20off%20mod.JPG>http://f1.grp.yahoofs.com/v1/cJS8TVD-Y-5PQcXD5FkkcPMOFa39UXZkcjNqC3wRLeRNyyfZ9yeECl7RLgGTG9iVrvc8_xbOYOI6UdNrwxvKnLns9aObQZu4ktD2zROf/Reducing%20RFI%20mods/Turn%20display%20off%20mod.JPG
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> > > Regards to all.
> > > John
> > >
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> > <mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com,
> > "John" <adams@> wrote:
> > > >
> > > > Hi All
> > > >
> > > > I now have a simple to do mod that anyone
> > with basic soldering skills can do.
> > > > Only the top cover needs to be removed to do it.
> > > >
> > > > Parts list:
> > > > A miniature 3-5 amp toggle switch. single
> > or double pole double throw. please use a
> > minature switch or it will look out of place.
> > > > 3 to 5 inches of flexible power wire.
> > > > 2 inches of heat shrink tubing.
> > > > 1x 470 to 1K ohm 1/4 W resistor
> > > >
> > > > Instructions:
> > > > If you have poor soldering skills and no
> > drilling experience, get someone else to do it.
> > > > Disconnect everything from your radio, especially the power.
> > > > Take off the top lid of the 535.
> > > > You will be working at the rear of the 535.
> > > > In the power supply area locate the CBD-1080 AVR regulator board.
> > > > Using a solder sucker, desolder the number
> > 3 power line that provides 9v to the display

> > inverter, it is a little tricky as the orange
> > cable is a little difficult to pull out, so i
> > desoldered it and pushed it out of the #3 hole.
> > > > To make the soldering easier, presolder
> > (wet) one end of the 3 to 5 inch power lead.
> > insert it from below through the PC board into
> > the #3 hole and solder in place, you will need
> > to make the wire in the shape of a U or J so it enters the #3 hole.
> > > > Work out where to drill the hole in the
> > rear panel, take into account the depth of the
> > switch and the power cables that will be
> > soldered to the switch. This may take you a few
> > goes to get it right, please do not start
> > drilling until YOU have the position right.
> > > >
> > > > Turn the radio upside down and drill a
> > small whole to fit the toggle switch thorugh. A
> > good suggestion is to have a vacuum cleaner
> > running right at the drilling face to catch any
> > metal shavings. Take extra time and make sure
> > YOU remove ALL shavings or they will damage or destroy your 535.
> > > > Verify the miniature switch fits your hole.
> > > > Turn the 535 upright.
> > > >
> > > > You should now have a hole that fits the switch.
> > > > All drill shavings removed.
> > > > 2 loose power leads
> > > > 1 miniature toggle switch.
> > > > Some heat shrink and a resistor.
> > > >
> > > > Shorten the 3 to 5 inch cable to
> > comfortably allow you to solder it to the
> > toggle switch before the switch is installed in
> > the rear panel, of course allowing enough
> > length so the switch can be placed on its hole.
> > > > Presolder (wet) the end of the shortened 3
> > to 5 inch cable and once cool place an inch of
> > heat shrink on both loose leads.
> > > > Solder the shortened lead and solder it to
> > any but the center connecter of the toggle switch.
> > > > Manipulate the orange wire so it can be soldered to the switch.
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> > > > > Subject: [nrd-525-535] Re: Turning off the NRD-535D
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> > > > > <mailto:nrd-525-535%40yahoogroups.com>
> > > > > > Subject: [nrd-525-535] Turning off the NRD-535D
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2641. Turning off the NRD-535D display

Yahoo group: nrd-525-535
Date: 2012-06-14 10:59:40 UTC
From: Bill Cotter
Topic: 2228 Message: 2641

Thanks, John!

Bill

At 01:48 AM 6/14/2012, you wrote:
>
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> > > >
> > >
> <<http://f1.grp.yahoofs.com/v1/cJS8TVD-Y-5PQcXD5FkkcPMOFa39UXZkcjNqC3wRLeRNyyfZ9yeECl7RLgGTG9iVrvc8_xbOYOI6UdNrwxvKnLns9aObQZu4ktD2zROf/Reducing%20RFI%20mods/Turn%20display%20off%20mod.JPG>http://f1.grp.yahoofs.com/v1/cJS8TVD-Y-5PQcXD5FkkcPMOFa39UXZkcjNqC3wRLeRNyyfZ9yeECl7RLgGTG9iVrvc8_xbOYOI6UdNrwxvKnLns9aObQZu4ktD2zROf/Reducing%20RFI%20mods/Turn%20display%20off%20mod.JPG>http://f1.grp.yahoofs.com/v1/cJS8TVD-Y-5PQcXD5FkkcPMOFa39UXZkcjNqC3wRLeRNyyfZ9yeECl7RLgGTG9iVrvc8_xbOYOI6UdNrwxvKnLns9aObQZu4ktD2zROf/Reducing%20RFI%20mods/Turn%20display%20off%20mod.JPG
> > > >
> > > > Regards to all.
> > > > John
> > > >
> > > > --- In
> > >
> <mailto:nrd-525-535%40yahoogroups.com><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com,
>
> > > "John" <adams@> wrote:
> > > > >
> > > > > Hi All
> > > > >
> > > > > I now have a simple to do mod that anyone

> > > with basic soldering skills can do.
> > > > > Only the top cover needs to be removed to do it.
> > > > >
> > > > > Parts list:
> > > > > A miniature 3-5 amp toggle switch. single
> > > or double pole double throw. please use a
> > > minature switch or it will look out of place.
> > > > > 3 to 5 inches of flexible power wire.
> > > > > 2 inches of heat shrink tubing.
> > > > > 1x 470 to 1K ohm 1/4 W resistor
> > > > >
> > > > > Instructions:
> > > > > If you have poor soldering skills and no
> > > drilling experience, get someone else to do it.
> > > > > Disconnect everything from your radio, especially the power.
> > > > > Take off the top lid of the 535.
> > > > > You will be working at the rear of the 535.
> > > > > In the power supply area locate the
> CBD-1080 AVR regulator board.
> > > > > Using a solder sucker, desolder the number
> > > 3 power line that provides 9v to the display
> > > inverter, it is a little tricky as the orange
> > > cable is a little difficult to pull out, so i
> > > desoldered it and pushed it out of the #3 hole.
> > > > > To make the soldering easier, presolder
> > > (wet) one end of the 3 to 5 inch power lead.
> > > insert it from below through the PC board into
> > > the #3 hole and solder in place, you will need
> > > to make the wire in the shape of a U or J
> so it enters the #3 hole.
> > > > > Work out where to drill the hole in the
> > > rear panel, take into account the depth of the
> > > switch and the power cables that will be
> > > soldered to the switch. This may take you a few
> > > goes to get it right, please do not start
> > > drilling until YOU have the position right.
> > > > >
> > > > > Turn the radio upside down and drill a
> > > small whole to fit the toggle switch thorugh. A
> > > good suggestion is to have a vacuum cleaner
> > > running right at the drilling face to catch any
> > > metal shavings. Take extra time and make sure
> > > YOU remove ALL shavings or they will damage or destroy your 535.
> > > > > Verify the miniature switch fits your hole.
> > > > > Turn the 535 upright.
> > > > >
> > > > > You should now have a hole that fits the switch.
> > > > > All drill shavings removed.
> > > > > 2 loose power leads
> > > > > 1 miniature toggle switch.

> > > > > Some heat shrink and a resistor.
> > > > >
> > > > > Shorten the 3 to 5 inch cable to
> > > comfortably allow you to solder it to the
> > > toggle switch before the switch is installed in
> > > the rear panel, of course allowing enough
> > > length so the switch can be placed on its hole.
> > > > > Presolder (wet) the end of the shortened 3
> > > to 5 inch cable and once cool place an inch of
> > > heat shrink on both loose leads.
> > > > > Solder the shortened lead and solder it to
> > > any but the center connecter of the toggle switch.
> > > > > Manipulate the orange wire so it can be
> soldered to the switch.
> > > > > Solder the orange cable to the centre
> connection of the switch.
> > > > > Slide the heat shrink over the switch
> > > connectors and safely shrink it.
> > > > > Install the switch into the rear panel hole
> > > and verify there is no chance of a short circuit occurring.
> > > > >
> > > > > Double check every thing especially the drill shavings.
> > > > > Install the resistor between connect 3 and
> > > (4 or 7) on the CBD-1080 AVR regulator board.
> > > > > This give a small load to the 9v power
> > > supply when the display is off.
> > > > >
> > > > > If all is ok.
> > > > > Throw the toggle switch to ON.
> > > > >
> > > > > Turn you 535 to be at its front and connect it up.
> > > > > Power up your 535, if all went well ,
> > > everything will be as normal, including the RFI from the display.
> > > > > Throw the display off toggle switch to OFF.
> > > > > The display of blank, you will find no FRI
> > > from the display and your total power used is
> > > 25% less, so less heat and things run a lot cooler.
> > > > > Best of all the VFD is not being
> > > continuously lit when you are just listening,
> > > thus giving it a longer life span.
> > > > >
> > > > > You may now find that the display was not
> > > the only source of RFI. But that is an
> topic already covered by me.
> > > > >
> > > > > FYI, my own version of this mod is a but
> > > more involved, by pressing the LOCK button on
> > > the front panel turns off the display, much
> > > more professional, but a lot more involved. I
> > > can provide info if you want it.

> > > > >
> > > > > Have a nice day.
> > > > >
> > > > > Regards John
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > --- In
> > >
> <mailto:nrd-525-535%40yahoogroups.com><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@
yahoogroups.com,
>
> > > "Charles Bolland" <ka4prf@> wrote:
> > > > > >
> > > > > > John,
> > > > > >
> > > > > > I am interested in getting rid of the noise the display
> > > > > > produces; however, the problem with
> > > > > > the heat when the display is turned off would worry me.
> > > > > > Second, I would be satisfied with
> > > > > > just an on and off switch. The automatic turn off
> > > > > > sounds nice, but there would be some
> > > > > > who would like it to be variable so the automatic turn
> > > > > > off times can be changed if needed
> > > > > > or wanted?
> > > > > >
> > > > > > Keep me informed and thanks.
> > > > > >
> > > > > > Chuck
> > > > > > ka4prf@
> > > > > >
> > > > > >
> > > > > > _____
> > > > > >
> > > > > > From:
> > >
> <mailto:nrd-525-535%40yahoogroups.com><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@
yahoogroups.com
> > > > > > [mailto:nrd-525-535@yahoogroups.com] On Behalf Of John
> > > > > > Sent: Tuesday, November 02, 2010 22:58
> > > > > > To:

> > >
> <mailto:nrd-525-535%40yahoogroups.com><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@
yahoogroups.com
> > > > > > Subject: [nrd-525-535] Re: Turning off the NRD-535D
> > > > > > display
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > Hi Chuck
> > > > > > >
> > > > > > What are your thoughts?
> > > > > > >
> > > > > > I am thinking about an auto turn off the display after
> > > > > > 1 minute would be the easiest to do and it is simpler
> > > > > > to install as there is no modifications to the front
> > > > > > panel to do. and if you forget, it turns off the
> > > > > > display for you.
> > > > > > >
> > > > > > I am thinking of using the keyboard strobe level or
> > > > > > tuning knob encoder index level to reactivate the
> > > > > > display, this would restart the count-down timer, the
> > > > > > display would stay active for 1 minute after you have
> > > > > > stopped pressing any keys or using the tuning knob.
> > > > > > The minute it is adjustable.
> > > > > > or
> > > > > > Should I just fit a hidden switch that will turn off
> > > > > > and on the inverters for the display.
> > > > > > >
> > > > > > One of the problems with a VFD is the heated wires,
> > > > > > turning them on and off is not good due to
> > > > > > heating/cooling stress, so they will need to be left on
> > > > > > with less current just to keep them warm.
> > > > > > >
> > > > > > This is an interesting project to get into over my
> > > > > > summer.
> > > > > > >
> > > > > > I will keep you all updated.
> > > > > > >
> > > > > > Regards John
> > > > > > >
> > > > > > --- In
> > > >
> <mailto:nrd-525-535%40yahoogroups.com><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@
yahoogroups.com
> > > > > > <mailto:nrd-525-535%40yahoogroups.com> , "Charles
> > > > > > Bolland" <ka4prf@> wrote:
> > > > > > >
> > > > > > > John,
> > > > > > >

> > > > > > > I am not tecnically inclined, so I can't recommend
> > > > > > > the
> > > > > > > > mod, but when you get
> > > > > > > > it finished, I would like to have the details. The
> > > > > > > > part about reducing interference from
> > > > > > > > the display interests me very much.
> > > > > > > >
> > > > > > > > Chuck Bolland
> > > > > > > > ka4prf@
> > > > > > > >
> > > > > > > >
> > > > > > > > _____
> > > > > > > >
> > > > > > > > From:
> > >
> <mailto:nrd-525-535%40yahoogroups.com><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com
> > > > > > > <mailto:nrd-525-535%40yahoogroups.com>
> > > > > > > >
> > >
> [mailto:<mailto:nrd-525-535%40yahoogroups.com><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com
> > > > > > <mailto:nrd-525-535%40yahoogroups.com>] On Behalf Of
> > > > > > > John
> > > > > > > > Sent: Tuesday, October 26, 2010 11:35
> > > > > > > > To:
> > >
> <mailto:nrd-525-535%40yahoogroups.com><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com
> > > > > > <mailto:nrd-525-535%40yahoogroups.com>
> > > > > > > > Subject: [nrd-525-535] Turning off the NRD-535D
> > > > > > > display
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > Hi All
> > > > > > > > I would like to hear your opinions
> > > > > > > > I have not done this yet but I feel I need to.
> > > > > > > > As you know the VFD (vacuum fluorescent display) in
> > > > > > > the
> > > > > > > > 535 has a limited life, as the phosphor gradually
> > > > > > > burns
> > > > > > > > away. This will make our displays dim and colourless.
> > > > > > > >
> > > > > > > > I do not use my 535 as much as I would like as my
> > > > > > > > display is very dim and is almost not visible in
> > > > > > > > daylight.
> > > > > > > >
> > > > > > > > I have been thinking about a mod that will power down

> > > > > > > the display when it is not needed, like when you have
> > > > > > > found your station and do not need to look at the
> > > > > > > display, but you want to listen to the radio.
> > > > > > > There is a few advantages:
> > > > > > > 1, No EMI noise from the display power supply
> > > > > > > inverters.
> > > > > > > 2. Less power consumed , less heat in the power
> > > > > > supply.
> > > > > > > 3. Longer life span for the VFD and its power supply.
> > > > > > > 4. Lower noise floor in the receiver. the VFD
> > > > > > inverters
> > > > > > > make a lot of EMI and its gets into the 535
> > > > > > everywhere.
> > > > > > > I think thats it.
> > > > > > > I hope to use a front panel switch combination to
> > > > > > throw
> > > > > > > a relay with a bit of simple logic circuitry, that
> > > > > > way
> > > > > > > there is no need to drill and fit extra switches.
> > > > > > >
> > > > > > > Any way, what do you think?
> > > > > > > Is there any pitfalls?
> > > > > > >
> > > > > > > Thanks in advance.
> > > > > > >
> > > > > > > Regards John
> > > > > > > VK2XCQ
> > > > > > >
> > > > > >
> > > > > >
> > > > >
> > > >
> > > >
> > >
>
>

2642. the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-23 19:54:03 UTC
From: halloprinzessin
Topic: 2642 Message: 2642

Hello,

i am a little confused about the different extension boards.
There were JRC names like CMH-365 and NJZ-667 etc.
One for CPU Board one for all the other PCB`s.

Can anyone here help me with the original names and what they can be used for ? (or maybe has photos of it?)

Looking at pictures at google it looks to me like the same extension boards used in the 525 and 535 can be used in the JRC NRD 545...

Really confusing

73`s de Stefan

2643. Questions questions from a new user NRD 525

Yahoo group: nrd-525-535
Date: 2012-07-23 22:27:57 UTC
From: Leonard G
Topic: 2643 Message: 2643

Hi
I been into radio for years, I'm in Los Angeles and in the foothills 2400 ft up.. I've owned this radio and getting back into it,,I have a few questions and I bet they have been covered already..
The run press to speed the dial turn ratio does not work for my radio.
The noise blanker is useless, but I know what sort of noise its designed for, I actually checked to see if the pot was connectted.
I guess finding the expansion boards is just luck and probably exspensive..
Just found that my coaxial cable to the roof was chewed, so I replaced that this past weekend..

2644. Re: the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-24 00:22:49 UTC
From: John
Topic: 2642 Message: 2644

Hi Stefan

1. Both extension boards are used for the 535 and the 545, I do not know about the 525.

2. The CFQ-2009 EXTENTION CARD also has a JRC number 6PCJD00129 is the CPU only extension card.

3. The CFQ-3253 EXTENSION CARD also has a JRC number 6PCJD00543 is the extension card for all other cards.

They are really great to have and it is not possible to do all the service alignments without the CFQ-3253 card.
You could live without the CFQ-2009 I have not yet used it except to test the battery voltage while the set was running.

I Hope that helps.

Regards John
VK2XCQ

--- In nrd-525-535@yahoogroups.com, "halloprinzessin" <easwk@...> wrote:
>
> Hello,
>
> i am a little confused about the different extension boards.
> There were JRC names like CMH-365 and NJZ-667 etc.
> One for CPU Board one for all the other PCB`s.
>
> Can anyone here help me with the original names and what they can be used for ? (or maybe has photos of it?)
>
> Looking at pictures at google it looks to me like the same extension boards used in the 525 and 535 can be used in the JRC NRD 545...
>
> Really confusing
>
> 73`s de Stefan
>

2645. Re: the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-24 06:18:47 UTC
From: halloprinzessin
Topic: 2642 Message: 2645

Thanks very much
for your very helpful answer John.

After I was able to get the connectors on ebay
i am going to make a layout for the PCB now.
(want to make them look like the originals :-))

73`s
Stefan

--- In nrd-525-535@yahoogroups.com, "John" <adams@...> wrote:
>
> Hi Stefan
>
> 1. Both extension boards are used for the 535 and the 545, I do not know about the 525.
>
> 2. The CFQ-2009 EXTENTION CARD also has a JRC number 6PCJD00129 is the CPU only extension card.
>
> 3. The CFQ-3253 EXTENSION CARD also has a JRC number 6PCJD00543 is the extension card for all other cards.
>
> They are really great to have and it is not possible to do all the service alignments without the CFQ-3253 card.
> You could live without the CFQ-2009 I have not yet used it except to test the battery voltage while the set was running.
>
> I Hope that helps.
>
> Regards John
> VK2XCQ
>
> --- In nrd-525-535@yahoogroups.com, "halloprinzessin" <easwk@> wrote:
> >
> > Hello,
> >
> > i am a little confused about the different extension boards.
> > There were JRC names like CMH-365 and NJZ-667 etc.
> > One for CPU Board one for all the other PCB`s.
> >
> > Can anyone here help me with the original names and what they can be used for ? (or maybe has photos of it?)
> >
> > Looking at pictures at google it looks to me like the same extension boards used in the 525 and 535 can be used in the JRC NRD 545...
> >

> > Really confusing
> >
> > 73`s de Stefan
> >
>

2646. Re: [nrd-525-535] Re: the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-24 12:14:05 UTC
From: Bill Cotter
Topic: 2642 Message: 2646
Attachments: 1 described; binary payloads are missing from this source WARC

Stefan,

To reduce the confusion, the CMH-365 extender
card is JRC part number 6PCJD00056. See attached pix.

The card is built on a PC board ground plane, and
it has a row of two 22pin male and female
connectors, interconnected with 44ea 2.5" lengths
of what looks like RG-174 coax jumpers.

I have used this extender with my 535D cards.

73 Bill

At 08:22 PM 7/23/2012, you wrote:
>
>
>Hi Stefan
>
>1. Both extension boards are used for the 535
>and the 545, I do not know about the 525.
>
>2. The CFQ-2009 EXTENTION CARD also has a JRC
>number 6PCJD00129 is the CPU only extension card.
>
>3. The CFQ-3253 EXTENSION CARD also has a JRC
>number 6PCJD00543 is the extension card for all other cards.
>
>They are really great to have and it is not
>possible to do all the service alignments without the CFQ-3253 card.
>You could live without the CFQ-2009 I have not
>yet used it except to test the battery voltage
>while the set was running.
>
>I Hope that helps.
>
>Regards John
>VK2XCQ
>
>--- In
><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com,
>"halloprinzessin" <easwk@...> wrote:
> >
> > Hello,
> >

> > i am a little confused about the different extension boards.
> > There were JRC names like CMH-365 and NJZ-667 etc.
> > One for CPU Board one for all the other PCB`s.
> >
> > Can anyone here help me with the original
> names and what they can be used for ? (or maybe has photos of it?)
> >
> > Looking at pictures at google it looks to me
> like the same extension boards used in the 525
> and 535 can be used in the JRC NRD 545...
> >
> > Really confusing
> >
> > 73`s de Stefan
> >
>
>

2647. Re: the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-24 17:15:13 UTC
From: halloprinzessin
Topic: 2642 Message: 2647

Thank you for the information and the pic Bill,

thinking about building my own extension card
i am not sure if there is really a need for the coax cable
(seems to me like every original JRC card was handmade)
instead of using a printed circuit board for it.

Would be interesting to hear what the others in this group
think about it...

73`s
Stefan

--- In nrd-525-535@yahoogroups.com, Bill Cotter <n4lg@...> wrote:
>
> Stefan,
>
> To reduce the confusion, the CMH-365 extender
> card is JRC part number 6PCJD00056. See attached pix.
>
> The card is built on a PC board ground plane, and
> it has a row of two 22pin male and female
> connectors, interconnected with 44ea 2.5" lengths
> of what looks like RG-174 coax jumpers.
>
> I have used this extender with my 535D cards.
>
> 73 Bill
>
>
> At 08:22 PM 7/23/2012, you wrote:
> >
> >
> >Hi Stefan
> >
> >1. Both extension boards are used for the 535
> >and the 545, I do not know about the 525.
> >
> >2. The CFQ-2009 EXTENTION CARD also has a JRC
> >number 6PCJD00129 is the CPU only extension card.
> >
> >3. The CFQ-3253 EXTENSION CARD also has a JRC
> >number 6PCJD00543 is the extension card for all other cards.
> >
> >They are really great to have and it is not
> >possible to do all the service alignments without the CFQ-3253 card.

> >You could live without the CFQ-2009 I have not
> >yet used it except to test the battery voltage
> >while the set was running.
> >
> >I Hope that helps.
> >
> >Regards John
> >VK2XCQ
> >
> >--- In
> ><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com,
> >"halloprinzessin" <easwk@> wrote:
> > >
> > > Hello,
> > >
> > > i am a little confused about the different extension boards.
> > > There were JRC names like CMH-365 and NJZ-667 etc.
> > > One for CPU Board one for all the other PCB`s.
> > >
> > > Can anyone here help me with the original
> > names and what they can be used for ? (or maybe has photos of it?)
> > >
> > > Looking at pictures at google it looks to me
> > like the same extension boards used in the 525
> > and 535 can be used in the JRC NRD 545...
> > >
> > > Really confusing
> > >
> > > 73`s de Stefan
> > >
> >
> >
>

2648. Re: [nrd-525-535] Re: the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-24 17:33:23 UTC
From: ka5qep@sbcglobal.net
Topic: 2642 Message: 2648

You will need coax for the connections. I had one made from a PC board and it wouldn't work due to interference from the unshielded lines. I removed the board connections and hooked them up with coax and it works fine now.

John Reed

----- Original Message -----
From: halloprinzessin
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, July 24, 2012 11:15 AM
Subject: [nrd-525-535] Re: the JRC extension boards

Thank you for the information and the pic Bill,

thinking about building my own extension card
i am not sure if there is really a need for the coax cable
(seems to me like every original JRC card was handmade)
instead of using a printed circuit board for it.

Would be interesting to hear what the others in this group
think about it...

73`s
Stefan

--- In nrd-525-535@yahoogroups.com, Bill Cotter <n4lg@...> wrote:
>
> Stefan,
>
> To reduce the confusion, the CMH-365 extender
> card is JRC part number 6PCJD00056. See attached pix.
>
> The card is built on a PC board ground plane, and
> it has a row of two 22pin male and female
> connectors, interconnected with 44ea 2.5" lengths
> of what looks like RG-174 coax jumpers.
>
> I have used this extender with my 535D cards.
>
> 73 Bill
>
>
> At 08:22 PM 7/23/2012, you wrote:
> >
> >
> >Hi Stefan
> >

> >1. Both extension boards are used for the 535
> >and the 545, I do not know about the 525.
> >
> >2. The CFQ-2009 EXTENTION CARD also has a JRC
> >number 6PCJD00129 is the CPU only extension card.
> >
> >3. The CFQ-3253 EXTENSION CARD also has a JRC
> >number 6PCJD00543 is the extension card for all other cards.
> >
> >They are really great to have and it is not
> >possible to do all the service alignments without the CFQ-3253 card.
> >You could live without the CFQ-2009 I have not
> >yet used it except to test the battery voltage
> >while the set was running.
> >
> >I Hope that helps.
> >
> >Regards John
> >VK2XCQ
> >
> >--- In
> ><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com,
> >"halloprinzessin" <easwk@> wrote:
> > >
> > > Hello,
> > >
> > > i am a little confused about the different extension boards.
> > > There were JRC names like CMH-365 and NJZ-667 etc.
> > > One for CPU Board one for all the other PCB`s.
> > >
> > > Can anyone here help me with the original
> > names and what they can be used for ? (or maybe has photos of it?)
> > >
> > > Looking at pictures at google it looks to me
> > like the same extension boards used in the 525
> > and 535 can be used in the JRC NRD 545...
> > >
> > > Really confusing
> > >
> > > 73`s de Stefan
> > >
> >
> >
>

2649. Re: [nrd-525-535] Re: the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-24 18:20:05 UTC
From: Bill Cotter
Topic: 2642 Message: 2649

The label on the package my extender card came in
states that the card is for the 525 and 535. I
suspect it was manufactured before the 545.

73 Bill

At 08:22 PM 7/23/2012, you wrote:
>
>
>Hi Stefan
>
>1. Both extension boards are used for the 535
>and the 545, I do not know about the 525.
>
>2. The CFQ-2009 EXTENTION CARD also has a JRC
>number 6PCJD00129 is the CPU only extension card.
>
>3. The CFQ-3253 EXTENSION CARD also has a JRC
>number 6PCJD00543 is the extension card for all other cards.
>
>They are really great to have and it is not
>possible to do all the service alignments without the CFQ-3253 card.
>You could live without the CFQ-2009 I have not
>yet used it except to test the battery voltage
>while the set was running.
>
>I Hope that helps.
>
>Regards John
>VK2XCQ
>
>--- In
><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com,
>"halloprinzessin" <easwk@...> wrote:
> >
> > Hello,
> >
> > i am a little confused about the different extension boards.
> > There were JRC names like CMH-365 and NJZ-667 etc.
> > One for CPU Board one for all the other PCB`s.
> >
> > Can anyone here help me with the original
> names and what they can be used for ? (or maybe has photos of it?)
> >
> > Looking at pictures at google it looks to me

> like the same extension boards used in the 525
> and 535 can be used in the JRC NRD 545...
> >
> > Really confusing
> >
> > 73`s de Stefan
> >
>
>

2650. Re: the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-24 18:32:18 UTC
From: halloprinzessin
Topic: 2642 Message: 2650

that is what i was afraid of (maybe having an interference problem)
but i did not have any "first hand" information about it.

Thank you very much.

That means 22 pieces of short coax for every connector.
The shieldings are all connected with each other and the copper
side from the board, right ?

That is how it looks like to me on the picture

Thanks

73`s de Stefan

--- In nrd-525-535@yahoogroups.com, <ka5qep@...> wrote:
>
> You will need coax for the connections. I had one made from a PC board and it wouldn't work due to interference from the unshielded lines. I removed the board connections and hooked them up with coax and it works fine now.
>
> John Reed
>
> ----- Original Message -----
> From: halloprinzessin
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, July 24, 2012 11:15 AM
> Subject: [nrd-525-535] Re: the JRC extension boards
>
>
>
> Thank you for the information and the pic Bill,
>
> thinking about building my own extension card
> i am not sure if there is really a need for the coax cable
> (seems to me like every original JRC card was handmade)
> instead of using a printed circuit board for it.
>
> Would be interesting to hear what the others in this group
> think about it...
>
> 73`s
> Stefan
>
> --- In nrd-525-535@yahoogroups.com, Bill Cotter <n4lg@> wrote:
> >

> > Stefan,
> >
> > To reduce the confusion, the CMH-365 extender
> > card is JRC part number 6PCJD00056. See attached pix.
> >
> > The card is built on a PC board ground plane, and
> > it has a row of two 22pin male and female
> > connectors, interconnected with 44ea 2.5" lengths
> > of what looks like RG-174 coax jumpers.
> >
> > I have used this extender with my 535D cards.
> >
> > 73 Bill
> >
> >
> > At 08:22 PM 7/23/2012, you wrote:
> > >
> > >
> > >Hi Stefan
> > >
> > >1. Both extension boards are used for the 535
> > >and the 545, I do not know about the 525.
> > >
> > >2. The CFQ-2009 EXTENTION CARD also has a JRC
> > >number 6PCJD00129 is the CPU only extension card.
> > >
> > >3. The CFQ-3253 EXTENSION CARD also has a JRC
> > >number 6PCJD00543 is the extension card for all other cards.
> > >
> > >They are really great to have and it is not
> > >possible to do all the service alignments without the CFQ-3253 card.
> > >You could live without the CFQ-2009 I have not
> > >yet used it except to test the battery voltage
> > >while the set was running.
> > >
> > >I Hope that helps.
> > >
> > >Regards John
> > >VK2XCQ
> > >
> > >--- In
> > ><mailto:nrd-525-535%40yahoogroups.com>nrd-525-535@yahoogroups.com,
> > >"halloprinzessin" <easwk@> wrote:
> > > >
> > > > Hello,
> > > >
> > > > i am a little confused about the different extension boards.
> > > > There were JRC names like CMH-365 and NJZ-667 etc.
> > > > One for CPU Board one for all the other PCB`s.
> > > >

> > > > Can anyone here help me with the original
> > > names and what they can be used for ? (or maybe has photos of it?)
> > > >
> > > > Looking at pictures at google it looks to me
> > > like the same extension boards used in the 525
> > > and 535 can be used in the JRC NRD 545...
> > > >
> > > > Really confusing
> > > >
> > > > 73`s de Stefan
> > > >
> > >
> > >
> >
>

2651. Re: the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-24 20:20:02 UTC
From: nixraff_007
Topic: 2642 Message: 2651

<ka5qep@...> wrote:

>> You will need coax for the connections. I had one made from
>> a PC board and it wouldn't work due to interference from the
>> unshielded lines. I removed the board connections and hooked
>> them up with coax and it works fine now.
>>
>> John Reed

Hi John,
of course you know Peter Pühler from Germany.
He made extension boards as a pcb (without koax cable) and it works well.

The solution is maybe a good ground plane...

73 Steve

2652. the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-24 22:52:27 UTC
From: Bill Cotter
Topic: 2642 Message: 2652

The coax shields terminate on a buss wire that is grounded on each end.

If you can design and etch 50Z striplines (ground
line between traces) on the PCB, you might get
enough isolation between the traces.

73 Bill N4LG

At 04:20 PM 7/24/2012, you wrote:
>
>
>
>
><ka5qep@...> wrote:
>
> >> You will need coax for the connections. I had one made from
> >> a PC board and it wouldn't work due to interference from the
> >> unshielded lines. I removed the board connections and hooked
> >> them up with coax and it works fine now.
> >>
> >> John Reed
>
>Hi John,
>of course you know Peter Pühler from Germany.
>He made extension boards as a pcb (without koax
>cable) and it works well.
>
>The solution is maybe a good ground plane...
>
>73 Steve
>
>

2653. Re: [nrd-525-535] Re: the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-24 23:36:44 UTC
From: ka5qep@sbcglobal.net
Topic: 2642 Message: 2653

Yes, I know Peter very well. Once I asked him if he had any extension boards. He told me he had one, but none to sell. He needed it for his work. I don't remember him ever saying he sold these. I think the one he had came from JRC. I will ask him about this.

If you have an NRD- 545, the board will also work perfectly with it. There are no changes in the connectors in the 545.

To build one of these is a lot of work. You will need to solder 44 small coax lines to the four connectors. Before I modified it my board was made with a double sided PC board. One side was grounded and the other side had the connecting traces etched in it. That was not enough to eliminate the crosstalk between the traces, however. As I remember, it worked ok when extending some of the 525 boards, but not on others where crosstalk became a problem.

John

----- Original Message -----
From: nixraff_007
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, July 24, 2012 2:20 PM
Subject: [nrd-525-535] Re: the JRC extension boards

<ka5qep@...> wrote:

>> You will need coax for the connections. I had one made from
>> a PC board and it wouldn't work due to interference from the
>> unshielded lines. I removed the board connections and hooked
>> them up with coax and it works fine now.
>>
>> John Reed

Hi John,
of course you know Peter Pühler from Germany.
He made extension boards as a pcb (without koax cable) and it works well.

The solution is maybe a good ground plane...

73 Steve

2655. AW: [nrd-525-535] Question about coaxial line to long wire

Yahoo group: nrd-525-535
Date: 2012-07-25 09:39:04 UTC
From: pietro.bossi@bluewin.ch
Topic: 2655 Message: 2655

Hi,

please let us know what you have to the other side of your coax - cable ! One end is connected to the radio, and
the other end ??
Disconnecting the ground from the RX side, the coax is acting just as a "longer wire" antenna ... so
specially on low freq bands signal might grow up.

With coax cable's ground connected the cable is performing as it
should, so like a shielded coax cable, not acting as an antenna ...

hope this help !

hb9rxc

----Messaggio
originale----
Da: vacuumshop@...
Data: 25.07.2012 5.51
A: <nrd-525-535@yahoogroups.com>
Oggetto: [nrd-525-
535] Question about coaxial line to long wire

I recently replaced my coaxial cable because I realized that my center
conductor was dead shorted from center to shield.. When i took it down it was chewed on by some creature.. So now I
just used some rg59 I had in the shack... Ok When I unscrew the connector on the back of the radio it becomes much
louder when the ground is removed,, just using the center conductor only.. Is the shield adding some capacitance, why
is the ground causing so much loss of signal?

2656. Re: [nrd-525-535] Re: the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-25 11:45:48 UTC
From: John
Topic: 2642 Message: 2656
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Bill

See attached files.

This is how my extension card looks like.

Regards John
VK2XCQ

2657. What is the best way to connect to a long wire antenna

Yahoo group: nrd-525-535
Date: 2012-07-25 17:15:49 UTC
From: Leonard G
Topic: 2657 Message: 2657

Hi
I posted this question and had 2nd thoughts that this might not be in line with the other tech info I see here so I delected it... I have been involved in tv repair and electronics for years and have a call KC6rwi.. This question makes me sound like a newbie but the subject is something I haven't dealt with.. The problem comes from using a coaxial cable to a long wire, the co is only gounded at one end and is taking away alot of signal when the ground is connected at the radio.. Thanks pietro..

2658. Re: the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-25 22:15:18 UTC
From: halloprinzessin
Topic: 2642 Message: 2658

Hi John,

thanks for the picture.
That is like my first layout looked like.

But now i decided to try it with the coax version.
(not sure if that is a good decision because of all the soldering)

73`s
Stefan

--- In nrd-525-535@yahoogroups.com, John <adams@...> wrote:
>
> Hi Bill
>
> See attached files.
>
> This is how my extension card looks like.
>
> Regards John
> VK2XCQ
>
>
>
> On 24/07/2012, at 10:14 PM, Bill Cotter wrote:
>
> > Stefan,
> >
> > To reduce the confusion, the CMH-365 extender card is JRC part
> > number 6PCJD00056. See attached pix.
> >
> > The card is built on a PC board ground plane, and it has a row of
> > two 22pin male and female connectors, interconnected with 44ea 2.5"
> > lengths of what looks like RG-174 coax jumpers.
> >
> > I have used this extender with my 535D cards.
> >
> > 73 Bill
> >
> >
> > At 08:22 PM 7/23/2012, you wrote:
> >>
> >>
> >> Hi Stefan
> >>
> >> 1. Both extension boards are used for the 535 and the 545, I do

> >> not know about the 525.
> >>
> >> 2. The CFQ-2009 EXTENTION CARD also has a JRC number 6PCJD00129 is
> >> the CPU only extension card.
> >>
> >> 3. The CFQ-3253 EXTENSION CARD also has a JRC number 6PCJD00543 is
> >> the extension card for all other cards.
> >>
> >> They are really great to have and it is not possible to do all the
> >> service alignments without the CFQ-3253 card.
> >> You could live without the CFQ-2009 I have not yet used it except
> >> to test the battery voltage while the set was running.
> >>
> >> I Hope that helps.
> >>
> >> Regards John
> >> VK2XCQ
> >>
> >> --- In <mailto:nrd-525-535%
> >> 40yahoogroups.com>nrd-525-535@yahoogroups.com, "halloprinzessin"
> >> <easwk@> wrote:
> >> >
> >> > Hello,
> >> >
> >> > i am a little confused about the different extension boards.
> >> > There were JRC names like CMH-365 and NJZ-667 etc.
> >> > One for CPU Board one for all the other PCB`s.
> >> >
> >> > Can anyone here help me with the original names and what they
> >> can be used for ? (or maybe has photos of it?)
> >> >
> >> > Looking at pictures at google it looks to me like the same
> >> extension boards used in the 525 and 535 can be used in the JRC
> >> NRD 545...
> >> >
> >> > Really confusing
> >> >
> >> > 73`s de Stefan
> >> >
> >>
> >> <JRC CMH-365 6PCJD00056.jpg>
>

2659. Re: What is the best way to connect to a long wire antenna

Yahoo group: nrd-525-535
Date: 2012-07-25 22:37:18 UTC
From: halloprinzessin
Topic: 2657 Message: 2659

hello Pietro,

The best way to connect a random wire antenna to your receiver
is using the HI-Z input.

The problem is that if you have PC`s, TV sets etc. around
the wire antenna will pick up all the interference and that
will bring all the noise you don`t want into your receiver.

Using 50 Ohm coax to connect to a wire antenna (with much more than 50 Ohm) means that you will need a magnetic balun for example.

And there is the next problem. The length of the wire is limited
and they have losses (and other problems)

Well...best is no coax, a real longwire, a good earth and
no PC`s,mains adapter, TV`s or powerline the next 100 miles :-)

73`s
Stefan

--- In nrd-525-535@yahoogroups.com, "Leonard G" <vacuumshop@...> wrote:
>
> Hi
> I posted this question and had 2nd thoughts that this might not be in line with the other tech info I see here so I delected it... I have been involved in tv repair and electronics for years and have a call KC6rwi.. This question makes me sound like a newbie but the subject is something I haven't dealt with.. The problem comes from using a coaxial cable to a long wire, the co is only gounded at one end and is taking away alot of signal when the ground is connected at the radio.. Thanks pietro..
>

2660. Re: [nrd-525-535] Re: the JRC extension boards

Yahoo group: nrd-525-535
Date: 2012-07-25 23:22:23 UTC
From: ka5qep@sbcglobal.net
Topic: 2642 Message: 2660

I asked Peter about the extension boards. He refered me to another German ham who sent me a couple of pictures of boards that were made by Eskab. They weren't made with coax. One was just single traces on a double sided PC board. This must have been the CPU extender board. The other one had thin traces with grounded shield traces on each side of the signal trace. He claimed it works ok.

John

----- Original Message -----
From: halloprinzessin
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, July 25, 2012 4:15 PM
Subject: [nrd-525-535] Re: the JRC extension boards

Hi John,

thanks for the picture.
That is like my first layout looked like.

But now i decided to try it with the coax version.
(not sure if that is a good decision because of all the soldering)

73`s
Stefan

--- In nrd-525-535@yahoogroups.com, John <adams@...> wrote:
>
> Hi Bill
>
> See attached files.
>
> This is how my extension card looks like.
>
> Regards John
> VK2XCQ
>
>
>
> On 24/07/2012, at 10:14 PM, Bill Cotter wrote:
>
> > Stefan,
> >
> > To reduce the confusion, the CMH-365 extender card is JRC part
> > number 6PCJD00056. See attached pix.
> >
> > The card is built on a PC board ground plane, and it has a row of
> > two 22pin male and female connectors, interconnected with 44ea 2.5"

> > lengths of what looks like RG-174 coax jumpers.
> >
> > I have used this extender with my 535D cards.
> >
> > 73 Bill
> >
> >
> > At 08:22 PM 7/23/2012, you wrote:
> >>
> >>
> >> Hi Stefan
> >>
> >> 1. Both extension boards are used for the 535 and the 545, I do
> >> not know about the 525.
> >>
> >> 2. The CFQ-2009 EXTENTION CARD also has a JRC number 6PCJD00129 is
> >> the CPU only extension card.
> >>
> >> 3. The CFQ-3253 EXTENSION CARD also has a JRC number 6PCJD00543 is
> >> the extension card for all other cards.
> >>
> >> They are really great to have and it is not possible to do all the
> >> service alignments without the CFQ-3253 card.
> >> You could live without the CFQ-2009 I have not yet used it except
> >> to test the battery voltage while the set was running.
> >>
> >> I Hope that helps.
> >>
> >> Regards John
> >> VK2XCQ
> >>
> >> --- In <mailto:nrd-525-535%
> >> 40yahoogroups.com>nrd-525-535@yahoogroups.com, "halloprinzessin"
> >> <easwk@> wrote:
> >> >
> >> > Hello,
> >> >
> >> > i am a little confused about the different extension boards.
> >> > There were JRC names like CMH-365 and NJZ-667 etc.
> >> > One for CPU Board one for all the other PCB`s.
> >> >
> >> > Can anyone here help me with the original names and what they
> >> can be used for ? (or maybe has photos of it?)
> >> >
> >> > Looking at pictures at google it looks to me like the same
> >> extension boards used in the 525 and 535 can be used in the JRC
> >> NRD 545...
> >> >
> >> > Really confusing
> >> >

> >> > 73`s de Stefan
> >> >
> >>
> >> <JRC CMH-365 6PCJD00056.jpg>
>

2661. Re: What is the best way to connect to a long wire antenna

Yahoo group: nrd-525-535
Date: 2012-07-27 16:50:43 UTC
From: Leonard G
Topic: 2657 Message: 2661

My name is leonard, the confusion came when I was thanking Pietro at the end of my message.. I did connect my antenna using the z connection and I have good results and alot of flourescent noise..

--- In nrd-525-535@yahoogroups.com, "halloprinzessin" <easwk@...> wrote:
>
> hello Pietro,
>
> The best way to connect a random wire antenna to your receiver
> is using the HI-Z input.
>
> The problem is that if you have PC`s, TV sets etc. around
> the wire antenna will pick up all the interference and that
> will bring all the noise you don`t want into your receiver.
>
> Using 50 Ohm coax to connect to a wire antenna (with much more than 50 Ohm) means that you will need a magnetic balun for example.
>
> And there is the next problem. The length of the wire is limited
> and they have losses (and other problems)
>
> Well...best is no coax, a real longwire, a good earth and
> no PC`s,mains adapter, TV`s or powerline the next 100 miles :-)
>
> 73`s
> Stefan
>
>
>
>
> --- In nrd-525-535@yahoogroups.com, "Leonard G" <vacuumshop@> wrote:
> >
> > Hi
> > I posted this question and had 2nd thoughts that this might not be in line with the other tech info I see here so I delected it... I have been involved in tv repair and electronics for years and have a call KC6rwi.. This question makes me sound like a newbie but the subject is something I haven't dealt with.. The problem comes from using a coaxial cable to a long wire, the co is only gounded at one end and is taking away alot of signal when the ground is connected at the radio.. Thanks pietro..
> >
>

2662. What is the best out door antenna?

Yahoo group: nrd-525-535
Date: 2012-07-27 16:54:22 UTC
From: Leonard G
Topic: 2662 Message: 2662

I had been using a long wire and now I would like to find a way to reduce the noise from the lights in my garage. Using a unshielded cable into the radio seems like the worst way to work it...

2663. Re: [nrd-525-535] What is the best out door antenna?

Yahoo group: nrd-525-535
Date: 2012-07-27 18:20:29 UTC
From: Bob Betts
Topic: 2662 Message: 2663

Leonard:
The technically correct way is to use a 9:1 or 10:1 transformer at the antenna feed point. It should be grounded at that point, too. Use coax to enter the house and ground the station's radio and coax feed there too. The use of external ground rods cannot be over stated. If you can electrically bond them, good idea to do it.
We are considering RF noise abatement as well as lightning safety. Also, best to check with your insurance company concerning outdoor antennas. Filing a claim for damaged appliances or a fire, after a storm, may not be honored if you violate local safety laws.

Check out Dirk's excellent site here:
http://users.telenet.be/d.rijmenants/en/swl.htm

Bob, N1KPR

http://www.bobsamerica.com/swl.html
* Music * Audio * Radio *
"It's all good"

--- On Fri, 7/27/12, Leonard G <vacuumshop@...> wrote:

From: Leonard G <vacuumshop@...>
Subject: [nrd-525-535] What is the best out door antenna?
To: nrd-525-535@yahoogroups.com
Date: Friday, July 27, 2012, 12:54 PM

I had been using a long wire and now I would like to find a way to reduce the noise from the lights in my garage. Using a unshielded cable into the radio seems like the worst way to work it...

2664. Re: What is the best out door antenna?

Yahoo group: nrd-525-535
Date: 2012-07-28 20:20:40 UTC
From: Leonard G
Topic: 2662 Message: 2664

Thanks for all that, the articles will make for some enjoyable reading.. To be honest my long wire starts on my garage and I may have to run some length of ground wire to the start point, I know the shortest length of ground is probably preferable but I will find another ground,,.. Thanks again. Leonard KC6rwi

--- In nrd-525-535@yahoogroups.com, Bob Betts <rwbetts@...> wrote:
>
>
>
>
>
>
> Leonard:
> The technically correct way is to use a 9:1 or 10:1 transformer at the antenna feed point. It should be grounded at that point, too. Use coax to enter the house and ground the station's radio and coax feed there too. The use of external ground rods cannot be over stated. If you can electrically bond them, good idea to do it.
> We are considering RF noise abatementÂ as well as lightning safety. Also, best to check with your insurance company concerning outdoor antennas. Filing a claim for damaged appliances or a fire, after a storm,Â may not be honored if you violate local safety laws.
> Â
> Check out Dirk's excellent site here:
> http://users.telenet.be/d.rijmenants/en/swl.htm
> Â
> Bob, N1KPR
>
>
> Â
> http://www.bobsamerica.com/swl.html
> * Music *Â Audio *Â Radio *
> "It's all good"
>
> --- On Fri, 7/27/12, Leonard G <vacuumshop@...> wrote:
>
>
> From: Leonard G <vacuumshop@...>
> Subject: [nrd-525-535] What is the best out door antenna?
> To: nrd-525-535@yahoogroups.com
> Date: Friday, July 27, 2012, 12:54 PM
>
>
>
> Â
>
>

>
> I had been using a long wire and now I would like to find a way to reduce the noise from the lights in my garage. Using a unshielded cable into the radio seems like the worst way to work it...
>

2665. Re: What is the best out door antenna?

Yahoo group: nrd-525-535
Date: 2012-07-29 02:37:11 UTC
From: g3vvt@aol.com
Topic: 2662 Message: 2665

Hi Leonard,

Having worked in radio repair from the 1950s where domestic radios fed
with long wire antennas were widespread, there was often a problem with
fluorescent lights generating high levels of interference particularly on the
lower bands. With the type of fluorescent light used in the UK with a separate
starter, the method then was to add a suppression capacitor of about 0.1uF
250 VAC working directly across the starter terminals. Having worked with
USA lighting during a 20 year stint of working for a USA oil company
overseas, noted that the common type used did not seem to have a separate starter.
Probably with these adding a proprietary suppression unit in series with
the incoming supply inside the fluorescent light metal case and ensuring
that the case is connected to a good ground system might prove effective.
Used the 1.8 to 2.0MHz amateur band in the 1960s with end fed antennas without
any problem, though were always fed with coax to a tuner located at the
shack entrance point to the outside.

With the now widespread use of switched mode power supplies and other evil
interference generating devices your problem may not stop there.
Personally I now tend to use dipoles for the frequency band in use fed with low
impedance balanced twin feeder and mount them as high as possible away from
sources of interference. Even these can fall foul of the multitude of switched
mode power supplies, often it seems without any internal suppression
components included in the aftermarket types. Local interference particularly on
the lower bands seems to be getting worse and often there is no easy cure
as the devices causing the problems in urban areas are owned by others.

Depending on what frequency range you want to cover, the tuned magnetic
loop antenna or even a ferrite rod antenna may offer better protection
against interference, though with a very restricted bandwidth without retuning.
Used a commercial ferrite rod antenna unit when involved in Cable TV in the
1970s for receiving radio broadcast stations for including into the CATV
system.

Regards,
Bob Wilkinson, G3VVT

2666. Re: What is the best out door antenna?

Yahoo group: nrd-525-535
Date: 2012-07-29 03:09:45 UTC
From: Leonard G
Topic: 2662 Message: 2666

Thanks, I am going to try the balun that suggested to me, i wish it was as simple to add a cap to the flor lights and they do add more noise the lower the freq.. I noticed that so many vacuum cleaners from europe come with a noise suppressing cap, how considerate! .. My father also installed antenna in London during the late fifties.. If I could bend your ear,, he told me a story that he found a receiver in france during the war and it was picking up the cabs in New York City,, He made a harness to carry it home but he couldn't march it one way onto the ship it was to heavy, I've repaired a number of those SMPS,, thanks to an ESR meter to test caps and a big selection of zener diodes

--- In nrd-525-535@yahoogroups.com, g3vvt@... wrote:
>
> Hi Leonard,
>
> Having worked in radio repair from the 1950s where domestic radios fed
> with long wire antennas were widespread, there was often a problem with
> fluorescent lights generating high levels of interference particularly on the
> lower bands. With the type of fluorescent light used in the UK with a separate
> starter, the method then was to add a suppression capacitor of about 0.1uF
> 250 VAC working directly across the starter terminals. Having worked with
> USA lighting during a 20 year stint of working for a USA oil company
> overseas, noted that the common type used did not seem to have a separate starter.
> Probably with these adding a proprietary suppression unit in series with
> the incoming supply inside the fluorescent light metal case and ensuring
> that the case is connected to a good ground system might prove effective.
> Used the 1.8 to 2.0MHz amateur band in the 1960s with end fed antennas without
> any problem, though were always fed with coax to a tuner located at the
> shack entrance point to the outside.
>
> With the now widespread use of switched mode power supplies and other evil
> interference generating devices your problem may not stop there.
> Personally I now tend to use dipoles for the frequency band in use fed with low
> impedance balanced twin feeder and mount them as high as possible away from
> sources of interference. Even these can fall foul of the multitude of switched
> mode power supplies, often it seems without any internal suppression
> components included in the aftermarket types. Local interference particularly on
> the lower bands seems to be getting worse and often there is no easy cure
> as the devices causing the problems in urban areas are owned by others.
>
> Depending on what frequency range you want to cover, the tuned magnetic
> loop antenna or even a ferrite rod antenna may offer better protection
> against interference, though with a very restricted bandwidth without retuning.
> Used a commercial ferrite rod antenna unit when involved in Cable TV in the
> 1970s for receiving radio broadcast stations for including into the CATV
> system.
>

> Regards,
> Bob Wilkinson, G3VVT
>

2667. Re: What is the best out door antenna?

Yahoo group: nrd-525-535
Date: 2012-07-30 14:37:36 UTC
From: Ken
Topic: 2662 Message: 2667

--- In nrd-525-535@yahoogroups.com, "Leonard G" <vacuumshop@...> wrote:
>
> I had been using a long wire and now I would like to find a way to reduce the noise from the lights in my garage. Using a unshielded cable into the radio seems like the worst way to work it...

I have used one of these for years....works VERY well on my longwire.

http://www.universal-radio.com/catalog/sw_ant/1484.html

Ken

2668. Re: How I can dismantle the main tuning control?

Yahoo group: nrd-525-535
Date: 2012-08-22 14:53:12 UTC
From: rex
Topic: 2198 Message: 2668

--- In nrd-525-535@yahoogroups.com, guiomar alonso <bo220199da@...> wrote:
>
> Hi John,
>
> Thanks for your indication. IÂ´m trying it.
>
> Thanks again
>
> Jose
>
>
>
>
>
> _____
> De: johnherks <john@...>
> Para: nrd-525-535@yahoogroups.com
> Enviado: vie,9 julio, 2010 02:04
> Asunto: [nrd-525-535] Re: How I can dismantle the main tuning control?
>
>
> Hi JosÃ©,
>
> Remove the VFO knob by carefully removing the outer round rubber ring on the VFO
> knob. You will then find a small hole which you can insert the appropriate size
> allen key to losen the grub screw which holds the VFO Knob on the VFO shaft.
>
> Rgds,
>
> John
>
> --- In nrd-525-535@yahoogroups.com, guiomar alonso <bo220199da@> wrote:
> >
> > Hi,
> >
> > I want to clean the connections of the frontal and need to extract the control of
tunning, but not that key or tool to use. Can someone help me?
> >
> > Thanks in advance.
> >
> > JosÃ©
> >
>

very hard to pull out the NRD-525 knob after remove the screw
?????????

why

Rex

2669. Re:

Yahoo group: nrd-525-535
Date: 2012-08-27 15:02:17 UTC
From: guiomar alonso
Topic: 2669 Message: 2669

hello my friend! http://platinum.trafficgeyser.net/poganini112.html?oqpage=yoyxa

2670. Re:

Yahoo group: nrd-525-535
Date: 2012-08-28 09:26:51 UTC
From: guiomar alonso
Topic: 2669 Message: 2670

Sorry, Sorry, Sorry.

I have a virus o something like this.

Sorry again.

J.M.A.

De: guiomar alonso <bo220199da@yahoo.es>
Para: crespo.toral@...; manuel.andres@...; maccolmenares@...; leon@...; ea1bz@...; nrd-525-535@yahoogroups.com; bufete@...; daity125@...; mantenimiento@labovejero.es
Enviado: Lunes 27 de agosto de 2012 17:02
Asunto: Re:

hello my friend! http://platinum.trafficgeyser.net/poganini112.html?oqpage=yoyxa

2671. CORREO MALICIOSOS ENVIADO SIN MI CONSENTIMIENTO NI AUTORIZACION

Yahoo group: nrd-525-535
Date: 2012-08-28 10:05:47 UTC
From: guiomar alonso
Topic: 2671 Message: 2671

Creo que tengo algun bicho raro que se ha dedicado a mandar correos en mi nombre sin mi consentimiento ni autorizacion.

No los abrais, porque no se ni quien los manda ni cual es su intención.

Disculpad las molestias.

J.M.A.

2672. my 535 is dead

Yahoo group: nrd-525-535
Date: 2012-09-08 01:59:57 UTC
From: stuart
Topic: 2672 Message: 2672

hhi . i switched my 535 on a all i had was aaaaaa on the display so i turned the set off and on again but the radio was dead any ideas , ive taken the cover off and everything looks fine on sign of damage HELP!!!
thamks Stuart...

2673. Re: [nrd-525-535] my 535 is dead

Yahoo group: nrd-525-535
Date: 2012-09-08 06:56:10 UTC
From: Ron van Mierlo
Topic: 2672 Message: 2673

Some standard points you could go through is this sequence:

0- swith the radio off and remove the power cord and all other cables
you have fitted
1- flip the power switch on the radio to ON (without the power cord in
the radio) and leave it there a minute or so
2- flip the power switch on the radio to OFF
3- remove the cover from the radio (with power cord still removed!)
4- raise and reseat each board again
5- raise the board with the backup battery and measure the voltage of
the battery to see if it has gone flat on you (replacing it if needed)
6- fit the board back
7- fit the cover back
8- connect the power cable
9- switch the radio on and see if this helped
10- fit your other cables back again

/Ron

stuart skrev 2012-09-08 03:59:
> hhi . i switched my 535 on a all i had was aaaaaa on the display so i turned the set off
and on again but the radio was dead any ideas , ive taken the cover off and everything
looks fine on sign of damage HELP!!!
> thamks Stuart...
>

2674. Re: my 535 is dead

Yahoo group: nrd-525-535
Date: 2012-09-10 20:47:01 UTC
From: Leonard G
Topic: 2672 Message: 2674

You could try and power it up on 12 volts, that won't solve the problem but it will tell you if the ac power supply in the radio is bad..

--- In nrd-525-535@yahoogroups.com, Ron van Mierlo <ron-eefje@...> wrote:
>
> Some standard points you could go through is this sequence:
>
> 0- swith the radio off and remove the power cord and all other cables
> you have fitted
> 1- flip the power switch on the radio to ON (without the power cord in
> the radio) and leave it there a minute or so
> 2- flip the power switch on the radio to OFF
> 3- remove the cover from the radio (with power cord still removed!)
> 4- raise and reseat each board again
> 5- raise the board with the backup battery and measure the voltage of
> the battery to see if it has gone flat on you (replacing it if needed)
> 6- fit the board back
> 7- fit the cover back
> 8- connect the power cable
> 9- switch the radio on and see if this helped
> 10- fit your other cables back again
>
> /Ron
>
> stuart skrev 2012-09-08 03:59:
> > hhi . i switched my 535 on a all i had was aaaaaa on the display so i turned the set off and on again but the radio was dead any ideas , ive taken the cover off and everything looks fine on sign of damage HELP!!!
> > thamks Stuart...
> >
>

2675. NRD-535 and OmniRig

Yahoo group: nrd-525-535
Date: 2012-09-24 02:36:56 UTC
From: greg_hemmings
Topic: 2675 Message: 2675

Hello group!

I have an NRD-535 and want to use OmniRig to control it. OmniRig has a driver that says NRD-535 (DG), but it doesn't seem to work with my plain ol'e 535! Is anyone using DXtreme with a 535, and if so, how do you set it up? ERGO 4 works fine with my rig, but not DXtreme.

Greg
WPC4GH

2676. AW: [nrd-525-535] NRD-535 and OmniRig

Yahoo group: nrd-525-535
Date: 2012-09-24 08:44:58 UTC
From: pietro.bossi@bluewin.ch
Topic: 2675 Message: 2676

Hi All & Greg,

I know there are different versions of NRD-535's e-eprom, wich enables differents commands set to
control the rig. Maybe you have the older version that have only few commands.

For other useful info and if you want
to try my free control software, please see here: http://hb9rxc.homeip.net/amateur.htm

regards and 73' de Pietro
HB9RXC

----Messaggio originale----
Da: greghemmings@...
Data: 24.09.2012 4.36
A: <nrd-525-535@yahoogroups.
com>
Oggetto: [nrd-525-535] NRD-535 and OmniRig

Hello group!

I have an NRD-535 and want to use OmniRig to control it.
OmniRig has a driver that says NRD-535 (DG), but it doesn't seem to work with my plain ol'e 535! Is anyone using
DXtreme with a 535, and if so, how do you set it up? ERGO 4 works fine with my rig, but not DXtreme.

Greg
WPC4GH

2677. Re: my 535 is dead

Yahoo group: nrd-525-535
Date: 2012-09-25 02:52:23 UTC
From: larfla2
Topic: 2672 Message: 2677

Did you fix it?

--- In nrd-525-535@yahoogroups.com, "stuart" <smason@...> wrote:
>
> hhi . i switched my 535 on a all i had was aaaaaa on the display so i turned the set off and on again but the radio was dead any ideas , ive taken the cover off and everything looks fine on sign of damage HELP!!!
> thamks Stuart...
>

2678. Re: my 535 is dead

Yahoo group: nrd-525-535
Date: 2012-09-29 17:45:15 UTC
From: pe1kel
Topic: 2672 Message: 2678

--- In nrd-525-535@yahoogroups.com, Ron van Mierlo <ron-eefje@...> wrote:
>
> Some standard points you could go through is this sequence:
>
> 0- swith the radio off and remove the power cord and all other cables
> you have fitted
> 1- flip the power switch on the radio to ON (without the power cord in
> the radio) and leave it there a minute or so
> 2- flip the power switch on the radio to OFF
> 3- remove the cover from the radio (with power cord still removed!)
> 4- raise and reseat each board again
> 5- raise the board with the backup battery and measure the voltage of
> the battery to see if it has gone flat on you (replacing it if needed)
> 6- fit the board back
> 7- fit the cover back
> 8- connect the power cable
> 9- switch the radio on and see if this helped
> 10- fit your other cables back again
>
> /Ron
>
> stuart skrev 2012-09-08 03:59:
> > hhi . i switched my 535 on a all i had was aaaaaa on the display so i turned the set off and on again but the radio was dead any ideas , ive taken the cover off and everything looks fine on sign of damage HELP!!!
> > thamks Stuart...
> >
>

I'm still curious if Stuart did the things mentioned by Ron.
Is the NRD535 alive again?

Adriaan

2679. ECSS

Yahoo group: nrd-525-535
Date: 2012-10-06 22:56:34 UTC
From: greg_hemmings
Topic: 870 Message: 2679

Hello group!

I have an NRD-535, which I love! I want to add an ECSS board to it, but can't find one. If any of you have one, or no where I can find one, please let me know so I can buy it!

Greg
N4WVE/WPC4GH

2680. Re: ECSS

Yahoo group: nrd-525-535
Date: 2012-10-06 23:25:46 UTC
From: greg_hemmings
Topic: 870 Message: 2680

--- In nrd-525-535@yahoogroups.com, "greg_hemmings" <greghemmings@...> wrote:
>
> Hello group!
>
> I have an NRD-535, which I love! I want to add an ECSS board to it, but can't find one. If any of you have one, or no where I can find one, please let me know so I can buy it!
>
> Greg
> N4WVE/WPC4GH
>
In addition, I have a JRC NV-88 speaker I will trade for the board or sell outright.

Greg

2681. new epromms

Yahoo group: nrd-525-535
Date: 2012-10-10 23:29:59 UTC
From: greg_hemmings
Topic: 2681 Message: 2681

It has been brought to my attention that I should upgrade my epromms from 91-08 to 93-08. This looks like a difficult task judging by my research! Where can I even find these epromms and has anyone else attemted this upgrade?

Greg

2682. Re: [nrd-525-535] new epromms

Yahoo group: nrd-525-535
Date: 2012-10-11 00:39:24 UTC
From: poldhu1901@aol.com
Topic: 2681 Message: 2682

Hi Greg

The different 535 Eprom versions are normally referenced by letter but these can also be matched to particular dates.

I posted a reply to a similar question back in 2008, probably still lurking somewhere in the archives, but here it is again from my own files......

I've just dug out my old 535 paperwork and do have some background information on the Eproms, not too sure it will do much to answer your specific
question but here goes anyway:-)

I got my 535 new in 1994 although from the Eprom dates it had probably been
sitting on a shelf somewhere for some time, more on that in a moment.
Lowe Electronics were then the UK main dealers and whilst speaking to them about add on boards etc we got into discussion re the firmware versions.
At that time they were offering version F as an upgrade, although it turned
out they didn't actually know what the differences were!
What they could tell me though was how to identify which versions were fitted.

Holding down the decimal point button as the set is switched on will display
the date of the main Eprom.
Holding down the Memo button as the set is switched on will display the date
of the display Eprom.
For versions A to E the dates in both Eproms are the same, and display as follows....

A 91.02
B 91.03
D 91.05
E 91.08

I don't know what happened to version C, perhaps there wasn't one or they just didn't have that information.

Version F has a different date in each Eprom as follows.....

Main Eprom 92.01
Display Eprom 92.10

I don't have any date information for Eprom sets later than F.

My original Eproms identified as version E and, since version F seemed to have been around for at least two years, was why I felt my set had sat on a
shelf for a while.
Even though Lowe couldn't tell me what, if anything, I was gaining I bought
and installed the version F Eproms anyway, just to bring my "new" set up to
date.

Towards the end of 1994 I did get hold of the computer interface command set
for the version F Eproms, I have that now as a 7 page document and will scan
it and upload it to the files section later today.
Comments in my letter to Lowe when I forwarded the information indicate that
there didn't seem to be any major changes although several commands seemed to have been extended, at least from comparison with my 1991 manual.
The manual didn't indicate though which previous Eprom version it's command
set referred to.

As far as I am aware, and as Paul has suggested, any significant changes that affected stand alone operation of the receiver had already been implemented
by the time version E was released, probably with version D at the latest, and what followed later were mainly changes to the computer interface.

I know nothing about version G, if there was one, but do recall looking at some control software online several years ago where it was stated version H
Eproms would be required.
I can't remember now if that was for the software to function at all or just
for some functions to be implemented.
By then, Lowe had lost interest in the 535, as far as I could tell there wasn't even anybody left who remembered there being Eprom upgrades available,
and I didn't pursue it any further.
I have since obtained the binary dump of the version H Eproms but the brain
cell has so far resisted attempts to remember what was so significant about
it.

Unfortunately this goes back to a time when I was still naive enough to believe that what was on the internet today would be there for endless tomorrows...tomorrows...<WBR>.silly bugger, but, of course, what information was the

been long gone.

As best I can recall, from the online comments anyway, the only change again
was to the computer command set and there was just one particularly significant change that either added or corrected something.

If I ever find, or remember, what the "something" was I'll let you know, but
unless you use more recent computer control software with your 535, and perhaps only whatever software it was that specifically called for the version H
Eproms, I doubt you'll notice any significant difference between version H and version F.

So that was my comments then, for what they were worth:-)

Given my date comments about the version F Eproms I'm assuming that 93-08 will be version H, and as commented above I do now have copies of the binary files for version H and would be happy to share them if you have the means to burn the Eproms

The physical upgrade is straightforward enough, yes I've done it, but it does require stripping down the front panel to change the display Eprom, which is something I wouldn't want to do too often.

One question though, why has it been suggested you need to upgrade?

Your firmware looks to be version E and, again as per my comments above, it would seem there is little to be gained from upgrading beyond that unless you're using remote control software that requires later firmware.

Regards

Nigel
GM8PZR

In a message dated 11/10/2012 00:30:21 GMT Daylight Time, greghemmings@centurylink.net writes:

It has been brought to my attention that I should upgrade my epromms from 91-08 to 93-08. This looks like a difficult task judging by my research! Where can I even find these epromms and has anyone else attemted this upgrade?

Greg

2683. Re: new epromms

Yahoo group: nrd-525-535
Date: 2012-10-11 01:31:39 UTC
From: greg_hemmings
Topic: 2681 Message: 2683

Nigel

Thanks very much for all the info! Mine do start with an "H". I do not, however, have any way to burn new epromms. I am trying to run a software program that is not compatible with my version, but it is not worth trying to change my radio when it works perfectly right now. I am keeping your info for future reference, though! Again, thanks for taking the time to find this information for me!

Greg
N4WVE/WPC4GH

--- In nrd-525-535@yahoogroups.com, poldhu1901@... wrote:
>
> Hi Greg
>
> The different 535 Eprom versions are normally referenced by letter but
> these can also be matched to particular dates.
>
> I posted a reply to a similar question back in 2008, probably still lurking
> somewhere in the archives, but here it is again from my own files......
>
> ------------------------
>
> I've just dug out my old 535 paperwork and do have some background
> information on the Eproms, not too sure it will do much to answer your
> specific
> question but here goes anyway:-)
>
> I got my 535 new in 1994 although from the Eprom dates it had probably
> been
> sitting on a shelf somewhere for some time, more on that in a moment.
> Lowe Electronics were then the UK main dealers and whilst speaking to them
> about add on boards etc we got into discussion re the firmware versions.
> At that time they were offering version F as an upgrade, although it
> turned
> out they didn't actually know what the differences were!
> What they could tell me though was how to identify which versions were
> fitted.
>
> Holding down the decimal point button as the set is switched on will
> display
> the date of the main Eprom.
> Holding down the Memo button as the set is switched on will display the
> date
> of the display Eprom.
> For versions A to E the dates in both Eproms are the same, and display as

> follows....
>
> A 91.02
> B 91.03
> D 91.05
> E 91.08
>
> I don't know what happened to version C, perhaps there wasn't one or they
> just didn't have that information.
>
> Version F has a different date in each Eprom as follows.....
>
> Main Eprom 92.01
> Display Eprom 92.10
>
> I don't have any date information for Eprom sets later than F.
>
> My original Eproms identified as version E and, since version F seemed to
> have been around for at least two years, was why I felt my set had sat on
> a
> shelf for a while.
> Even though Lowe couldn't tell me what, if anything, I was gaining I
> bought
> and installed the version F Eproms anyway, just to bring my "new" set up
> to
> date.
>
> Towards the end of 1994 I did get hold of the computer interface command
> set
> for the version F Eproms, I have that now as a 7 page document and will
> scan
> it and upload it to the files section later today.
> Comments in my letter to Lowe when I forwarded the information indicate
> that
> there didn't seem to be any major changes although several commands seemed
> to have been extended, at least from comparison with my 1991 manual.
> The manual didn't indicate though which previous Eprom version it's
> command
> set referred to.
>
> As far as I am aware, and as Paul has suggested, any significant changes
> that affected stand alone operation of the receiver had already been
> implemented
> by the time version E was released, probably with version D at the latest,
> and what followed later were mainly changes to the computer interface.
>
> I know nothing about version G, if there was one, but do recall looking at
> some control software online several years ago where it was stated version
> H
> Eproms would be required.

> I can't remember now if that was for the software to function at all or
> just
> for some functions to be implemented.
> By then, Lowe had lost interest in the 535, as far as I could tell there
> wasn't even anybody left who remembered there being Eprom upgrades
> available,
> and I didn't pursue it any further.
> I have since obtained the binary dump of the version H Eproms but the
> brain
> cell has so far resisted attempts to remember what was so significant
> about
> it.
>
> Unfortunately this goes back to a time when I was still naive enough to
> believe that what was on the internet today would be there for endless
> tomorrows...tomorrows...<WBR>.silly bugger, but, of course, what
> information was the
> been long gone.
>
> As best I can recall, from the online comments anyway, the only change
> again
> was to the computer command set and there was just one particularly
> significant change that either added or corrected something.
>
> If I ever find, or remember, what the "something" was I'll let you know,
> but
> unless you use more recent computer control software with your 535, and
> perhaps only whatever software it was that specifically called for the
> version H
> Eproms, I doubt you'll notice any significant difference between version H
> and version F.
>
> ----------
> So that was my comments then, for what they were worth:-)
>
> Given my date comments about the version F Eproms I'm assuming that 93-08
> will be version H, and as commented above I do now have copies of the binary
> files for version H and would be happy to share them if you have the means
> to burn the Eproms
>
> The physical upgrade is straightforward enough, yes I've done it, but it
> does require stripping down the front panel to change the display Eprom,
> which is something I wouldn't want to do too often.
>
> One question though, why has it been suggested you need to upgrade?
>
> Your firmware looks to be version E and, again as per my comments above,
> it would seem there is little to be gained from upgrading beyond that unless
> you're using remote control software that requires later firmware.
>

> Regards
>
> Nigel
> GM8PZR
> ---------------------------
>
>
> In a message dated 11/10/2012 00:30:21 GMT Daylight Time,
> greghemmings@... writes:
>
>
>
>
> It has been brought to my attention that I should upgrade my epromms from
> 91-08 to 93-08. This looks like a difficult task judging by my research!
> Where can I even find these epromms and has anyone else attemted this upgrade?
>
> Greg
>

2684. Re: [nrd-525-535] Re: new epromms

Yahoo group: nrd-525-535
Date: 2012-10-11 01:43:22 UTC
From: mparkinson1
Topic: 2681 Message: 2684

Greg
let me throw a little wrench at you.
I just took a look at mine and I have H 93 03 and P93 03
that must look crazy to you eh????
I had a new display board installed from Japan radio and they had to burn a main Eprom so the display would work right and they never told me what the upgrade was for.
Matt Parkinson Military Equipment & R 390A Depot Center

2685. Re: Headphone jack for my NRD 535d

Yahoo group: nrd-525-535
Date: 2012-11-30 01:28:32 UTC
From: Robert
Topic: 2685 Message: 2685

I use my headphones almost always and the connector is worn out. I have tried cleaning, bending, and tweeking and not able to cure the problem. I need to replace just the connector. I am unable to locate one. Seems most popular circuit board devices mount from the rear and not from the side as this one does. Anyone have some ideas where to look for a replacement jack?
Thanks
Bob
KB3WHS

2686. How to tighten up tuning knob on 535D

Yahoo group: nrd-525-535
Date: 2012-12-02 13:41:17 UTC
From: kloo1063
Topic: 2686 Message: 2686

Hello,

I looked at the 2006-2011 posts in this groub about the 535 tuning knob being loose. I have an early model 535D that also has the big knob that feels loose. One owner suggested removing the knob when installing the felt washer but I don't see a way to remove the knob. I see no screws in the knob like in the Yaesu FRG-7700. Any suggestions on how to remove the knob without doing an damage to the receiver?

Thanks,
Dan

2687. NRD-525 vs NRD-535D

Yahoo group: nrd-525-535
Date: 2012-12-02 13:45:59 UTC
From: kloo1063
Topic: 2687 Message: 2687

Hello,

I'm just curious. Which performs better overall, with receive audio, ergonomics, noise floor, third order intercept, etc.?

Dan

2688. Re: [nrd-525-535] How to tighten up tuning knob on 535D

Yahoo group: nrd-525-535
Date: 2012-12-02 13:57:21 UTC
From: poldhu1901@aol.com
Topic: 2686 Message: 2688

Mine's in its box right now but as I remember it there is a grub screw in the side of the knob underneath the rubber finger grip.
The grip is fairly tight on the knob but should slide off with a little persuasion.

Regards

Nigel
GM8PZR

In a message dated 02/12/2012 13:41:23 GMT Standard Time, dcsp157@... writes:

Hello,

I looked at the 2006-2011 posts in this groub about the 535 tuning knob being loose. I have an early model 535D that also has the big knob that feels loose. One owner suggested removing the knob when installing the felt washer but I don't see a way to remove the knob. I see no screws in the knob like in the Yaesu FRG-7700. Any suggestions on how to remove the knob without doing an damage to the receiver?

Thanks,
Dan

2689. Re: [nrd-525-535] NRD-525 vs NRD-535D

Yahoo group: nrd-525-535
Date: 2012-12-03 03:11:53 UTC
From: Brian Denley
Topic: 2687 Message: 2689

The 535D in my opinion. Very nice radio!

Brian KB1VBF

On Dec 2, 2012, at 8:45 AM, "kloo1063" <dcsp157@...> wrote:

> Hello,
>
> I'm just curious. Which performs better overall, with receive audio, ergonomics, noise floor, third order intercept, etc.?
>
> Dan
>
>

2690. Re: NRD-525 vs NRD-535D

Yahoo group: nrd-525-535
Date: 2012-12-06 06:38:34 UTC
From: larfla2
Topic: 2687 Message: 2690

I own both and operate them side by side. well, one is over the other, actually.While both are excellent, I would say that the 535D is the better of the two, but just by a very, very tiny margin, if I must rate them. The 535D does a little more(BWC, ECSS, etc) and can be configured a bit differently, but both "hear" the same.The audio out of the box was a bit better on the 535D, less "hissy" than the 525, but I installed the Kiwa mods on the audio circuits in both of them myself and they both sound great. I like the "feel" of the 525 a tad better than the 535 when I'm operating, though. Don't really know why, it just feels a little better in the ergonomics department for some reason. Smoother, or something, I guess. Hope this helps. Regards, Larry W2DDG

--- In nrd-525-535@yahoogroups.com, "kloo1063" <dcsp157@...> wrote:
>
> Hello,
>
> I'm just curious. Which performs better overall, with receive audio, ergonomics, noise floor, third order intercept, etc.?
>
> Dan
>

2691. Re: NRD-525 vs NRD-535D

Yahoo group: nrd-525-535
Date: 2012-12-06 06:46:44 UTC
From: larfla2
Topic: 2687 Message: 2691

Oh yeah, I almost forgot- the noise blanker on the 535D is a lot more effective than the one on the 525, should you need it. Larry, W2DDG
--- In nrd-525-535@yahoogroups.com, "kloo1063" <dcsp157@...> wrote:
>
> Hello,
>
> I'm just curious. Which performs better overall, with receive audio, ergonomics, noise floor, third order intercept, etc.?
>
> Dan
>

2692. Re: [nrd-525-535] Re: NRD-525 vs NRD-535D

Yahoo group: nrd-525-535
Date: 2012-12-06 22:59:56 UTC
From: mparkinson1
Topic: 2687 Message: 2692

Where does one find the Kiwa mod kit for the R 535d I have one and I would be interested in doing it myself.
Matt Parkinson Military Equipment & R 390A Depot Center

2693. Re: [nrd-525-535] Re: NRD-525 vs NRD-535D

Yahoo group: nrd-525-535
Date: 2012-12-06 23:27:18 UTC
From: Robert Montgomery
Topic: 2687 Message: 2693

I think I would check Kiwa.com
73
Bob

From: mparkinson1 <mparkinson1@...>
To: nrd-525-535@yahoogroups.com
Sent: Thursday, December 6, 2012 5:59 PM
Subject: Re: [nrd-525-535] Re: NRD-525 vs NRD-535D

Where does one find the Kiwa mod kit for the R 535d I have one and I would be interested in doing it myself.
Matt Parkinson Military Equipment & R 390A Depot Center

2694. Re: NRD-525 vs NRD-535D

Yahoo group: nrd-525-535
Date: 2012-12-07 00:52:46 UTC
From: larfla2
Topic: 2687 Message: 2694

Just type in "Kiwa Electronics" into a search engine and scroll down the Kiwa site homepage to the "535 performance upgrades" and click on it. I installed every upgrade that Craig offers as a kit, with no problem. His instructions are excellent with photos included. Took maybe 4 or 5 hours at most, as I recall. A couple of the mods require sending the rig to him, so I didn't do those. Regards, Larry W2DDG

--- In nrd-525-535@yahoogroups.com, "mparkinson1" <mparkinson1@...> wrote:
>
> Where does one find the Kiwa mod kit for the R 535d I have one and I would be interested in doing it myself.
> Matt Parkinson Military Equipment & R 390A Depot Center
>

2695. My dead nrd 535

Yahoo group: nrd-525-535
Date: 2012-12-07 06:41:26 UTC
From: stuart
Topic: 2695 Message: 2695

hi all . first merry cristmass to every one . can any one tell me where i can find a full repair manual, im in australia and no one here can help. i do have guy lined up to try repairs but he needs a full repair manual. what happend was when i switched the set on the display went crazy just a line of digits so i switched off checked fuses (running) from 13.8 regulated p/supply all was ok but now my baby dont go .SO any help would be very welcome

2696. RE: [nrd-525-535] My dead nrd 535

Yahoo group: nrd-525-535
Date: 2012-12-07 09:48:05 UTC
From: Nota Real
Topic: 2695 Message: 2696

Hi !
Service manual from here:
http://www.mods.dk/manual.php?brand=jrc

BR

> To: nrd-525-535@yahoogroups.com
> From: smason@...
> Date: Fri, 7 Dec 2012 06:41:26 +0000
> Subject: [nrd-525-535] My dead nrd 535
>
> hi all . first merry cristmass to every one . can any one tell me where i can find a full repair manual, im in australia and no one here can help. i do have guy lined up to try repairs but he needs a full repair manual. what happend was when i switched the set on the display went crazy just a line of digits so i switched off checked fuses (running) from 13.8 regulated p/supply all was ok but now my baby dont go .SO any help would be very welcome
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

2697. Re: [nrd-525-535] My dead nrd 535

Yahoo group: nrd-525-535
Date: 2012-12-07 10:06:33 UTC
From: poldhu1901@aol.com
Topic: 2695 Message: 2697

The NRD535 service manual with schematics and alignment information is available in two parts from the group files section.

That's all the repair information there is other than the repairer's experience, if he needs more detailed information than that then he might not be the best person to let loose inside your receiver after all!

The main problem though with the service manual in the files section, and all other online copies I've seen seem to be of the same scan, is that it's been scanned at relatively low resolution.
In particular, JRC printed the schematics on single pages rather than fold outs and the resulting very fine detail has not transferred at all well.
If anyone already knows of or has a better scan that would be very useful but otherwise I'll try to find some time to provide a better quality scan from my paper copies, at least of the schematics anyway.

Another potential problem with repairs to the 535 is the need for one or more extender cards to get proper access to the internal circuit boards.
These are not widely available and it's very unlikely anyone who doesn't have previous experience of these receivers is going to have access to them.

Plan B might be to ship it back to JRC in Japan, although not sure if they'd offer a repair service nowadays, or to an experienced repairer in the US.
Whilst either option could be expensive they could perhaps be less risky.
It might also be worth contacting Universal Radio, or other large dealers in the US, and asking if they know of any Australian dealers with the relevant experience.

Regards

Nigel
GM8PZR

In a message dated 07/12/2012 06:41:54 GMT Standard Time, smason@bigpond.net.au writes:

hi all . first merry cristmass to every one . can any one tell me where i can find a full repair manual, im in australia and no one here can help. i do have guy lined up to try repairs but he needs a full repair manual. what happend was when i switched the set on the display went crazy just a line of digits so i switched off checked fuses (running) from 13.8 regulated p/supply all was ok but now my baby dont go .SO any help would be very welcome

2698. Re: [nrd-525-535] My dead nrd 535

Yahoo group: nrd-525-535
Date: 2012-12-07 10:58:34 UTC
From: Steve
Topic: 2695 Message: 2698

in the past I have cured problems like that by removing and reseating
the eprom (assuming yours is unplugable)

On 07/12/2012 06:41, stuart wrote:
>
> hi all . first merry cristmass to every one . can any one tell me
> where i can find a full repair manual, im in australia and no one here
> can help. i do have guy lined up to try repairs but he needs a full
> repair manual. what happend was when i switched the set on the display
> went crazy just a line of digits so i switched off checked fuses
> (running) from 13.8 regulated p/supply all was ok but now my baby dont
> go .SO any help would be very welcome
>
>

2699. Re: NRD-525 vs NRD-535D

Yahoo group: nrd-525-535
Date: 2012-12-07 18:22:53 UTC
From: kloo1063
Topic: 2687 Message: 2699

Gentlemen,
I appreciate the comments; they're very helpful...I don't have a 525 but I have an early model 535D. IMO, the 535's audio is nice with a speaker from a mini-book shelf stereo system.
Regards,
Dan

--- In nrd-525-535@yahoogroups.com, "kloo1063" <dcsp157@...> wrote:
>
> Hello,
>
> I'm just curious. Which performs better overall, with receive audio, ergonomics, noise floor, third order intercept, etc.?
>
> Dan
>

2700. Re: NRD-525 squelching in one area

Yahoo group: nrd-525-535
Date: 2012-12-07 18:36:23 UTC
From: Paul
Topic: 2021 Message: 2700

New to group and was wondering was this problem ever solved?

Have a NRD-525G with similar problem Squelch coming on 6mhz to 13mhz even though squelch is set to off.

Rgds Paul
Fleetwood UK

--- In nrd-525-535@...m, Ron van Mierlo <ron-eefje@...> wrote:
>
> Back to square one!
>
> Yesterday the trimming seemed to have worked wonders but just a minute ago after switching the receiver on it refused
> again, just like before squelching in the VCO 3 region.
> It looks like I am now forced to dig deeper and will possibly have to replace some components in the VCO 3 section.
> Mechanically things did look sound, but once stripped again, I will also double-check the soldering points of the two
> large sockets in the main board for the CGA 131 card.
>

2701. Re: My dead nrd 535

Yahoo group: nrd-525-535
Date: 2012-12-07 21:57:59 UTC
From: larfla2
Topic: 2695 Message: 2701

Universal Radio in Ohio has a CD with both the owners and service manuals in PDF form. Crystal clear, too. It's kinda hard to find it on his web site but, it's order # 5721 CD NRD535 and costs 25 bucks US plus shipping. I'm pretty sure he'll ship a a CD down under, so shoot them a e -mail. The site is www.universal-radio.com. I'm not connected with them, btw. Hope this helps, regards, Larry W2DDG

--- In nrd-525-535@yahoogroups.com, "stuart" <smason@...> wrote:
>
> hi all . first merry cristmass to every one . can any one tell me where i can find a full repair manual, im in australia and no one here can help. i do have guy lined up to try repairs but he needs a full repair manual. what happend was when i switched the set on the display went crazy just a line of digits so i switched off checked fuses (running) from 13.8 regulated p/supply all was ok but now my baby dont go .SO any help would be very welcome
>

2702. Re: My dead nrd 535

Yahoo group: nrd-525-535
Date: 2012-12-07 22:05:45 UTC
From: larfla2
Topic: 2695 Message: 2702

Also, you might try making sure the main fuse holder cap is really tight and make sure the internal boards are really solidly seated. They work loose with time sometimes.Regards, Larry. W2DDG

--- In nrd-525-535@yahoogroups.com, "stuart" <smason@...> wrote:
>
> hi all . first merry cristmass to every one . can any one tell me where i can find a full repair manual, im in australia and no one here can help. i do have guy lined up to try repairs but he needs a full repair manual. what happend was when i switched the set on the display went crazy just a line of digits so i switched off checked fuses (running) from 13.8 regulated p/supply all was ok but now my baby dont go .SO any help would be very welcome
>

2703. NRD535 Service Manual

Yahoo group: nrd-525-535
Date: 2012-12-11 02:59:24 UTC
From: poldhu1901@aol.com
Topic: 2703 Message: 2703

Following a recent query I have produced a fresh scan of the NRD535
service manual.

Not wanting to cut my printed original out of its glued binding I have had
to settle for the front cover from that followed by a scan I made of a
photocopy provided some years ago by a UK dealer.

Although this copy was reasonable to good, rather than "perfect", I've
done what I can to tidy it up and the end result is a lot better than what's
been previously available online. In particular the schematics are now
legible and usable, with component designations and values being readily
identified.

I have produced two files, one contains all pages, text, schematics, PCB
layouts, and parts lists, laid out in portrait A4 as per the original,
whilst the other keeps the text pages as A4 but with schematics, PCBs and parts
lists resized and rotated to be A3 foldouts, which makes them more legible
on widescreen monitors and suitable for A3 printing.
Surprisingly enough, I have called these two files, NRD535 Service A4, and
NRD535 Service A3:-)

Unfortunately, as my A3 scanner is just a little bit broken, the two actual
A3 foldouts I've had to reproduce as three overlapping A4 pages.

The text pages were scanned at 300dpi, with schematics and PCB diagrams at
600dpi, so the resulting files are big, and too big at 55MB and 85MB
respectively to be uploaded to the group files section, so I have uploaded them
to my Rapidshare account.

The links are....

_http://rapidshare.com/files/3851704016/NRD535_Service_A4.pdf_
(http://rapidshare.com/files/3851704016/NRD535_Service_A4.pdf)

and

_http://rapidshare.com/files/468321193/NRD535_Service_A3.pdf_
(http://rapidshare.com/files/468321193/NRD535_Service_A3.pdf)

I know Rapidshare can introduce time penalties at busy periods for non
account holders, and I know this can be a pain at times, but there have been
hundreds of downloads of previous manuals from my account so please don't
tell me it's not working and please don't ask me to upload elsewhere.
Once you've got the files please feel free to upload them wherever you
choose, although leaving the file names as they are might avoid confusion:-)

Regards

Nigel
GM8PZR

2704. Re: NRD535 Service Manual

Yahoo group: nrd-525-535
Date: 2012-12-11 18:02:36 UTC
From: muanait
Topic: 2703 Message: 2704

Thank you Nigel for uploading the Manual.

I've just download both without any problem.

The quality of the scan is excellent. JRC produced some very poor quality original manuals - in contrast to the quality of their radios I must add! Your copies are perfectly readable.

Thanks again Nigel - and Happy Christmas!

Batt

--- In nrd-525-535@yahoogroups.com, poldhu1901@... wrote:
>
> Following a recent query I have produced a fresh scan of the NRD535
> service manual.

2705. Re: NRD535 Service Manual

Yahoo group: nrd-525-535
Date: 2012-12-11 18:21:03 UTC
From: rhblumeng
Topic: 2703 Message: 2705

--- In nrd-525-535@yahoogroups.com, poldhu1901@... wrote:
>
> Following a recent query I have produced a fresh scan of the NRD535
> service manual.

Nigel -

Thanks very much for the work you did on this. The quality is a level above anything I have seen before.

Thanks again, Bob

2706. Re: [nrd-525-535] NRD535 Service Manual

Yahoo group: nrd-525-535
Date: 2012-12-11 20:33:11 UTC
From: casy_ch@tbwil.ch
Topic: 2703 Message: 2706

Hello Nigel

I like clean documents in my library and very often I clean them to have
a good copy.

Yours are superb. Thank you very much for the nice and friendly job you
did for us. The A3 one prints excellently.

Vy 73 de Jean-Claude, HB3YDH

Am 11.12.2012 03:59, schrieb poldhu1901@...:
>
> Following a recent query I have produced a fresh scan of the NRD535
> service manual.
> Not wanting to cut my printed original out of its glued binding I have
> had to settle for the front cover from that followed by a scan I made
> of a photocopy provided some years ago by a UK dealer.
> Although this copy was reasonable to good, rather than "perfect", I've
> done what I can to tidy it up and the end result is a lot better than
> what's been previously available online. In particular the schematics
> are now legible and usable, with component designations and values
> being readily identified.
> I have produced two files, one contains all pages, text, schematics,
> PCB layouts, and parts lists, laid out in portrait A4 as per the
> original, whilst the other keeps the text pages as A4 but with
> schematics, PCBs and parts lists resized and rotated to be A3
> foldouts, which makes them more legible on widescreen monitors and
> suitable for A3 printing.
> Surprisingly enough, I have called these two files, NRD535 Service A4,
> and NRD535 Service A3:-)
> Unfortunately, as my A3 scanner is just a little bit broken, the two
> actual A3 foldouts I've had to reproduce as three overlapping A4 pages.
> The text pages were scanned at 300dpi, with schematics and PCB
> diagrams at 600dpi, so the resulting files are big, and too big at
> 55MB and 85MB respectively to be uploaded to the group files section,
> so I have uploaded them to my Rapidshare account.
> The links are....
> http://rapidshare.com/files/3851704016/NRD535_Service_A4.pdf
> and
> http://rapidshare.com/files/468321193/NRD535_Service_A3.pdf
> I know Rapidshare can introduce time penalties at busy periods for non
> account holders, and I know this can be a pain at times, but there
> have been hundreds of downloads of previous manuals from my account so
> please don't tell me it's not working and please don't ask me to
> upload elsewhere.
> Once you've got the files please feel free to upload them wherever you

> choose, although leaving the file names as they are might avoid
> confusion:-)
> Regards
> Nigel
> GM8PZR
>

2707. NRD 525/JST 135 Transceive

Yahoo group: nrd-525-535
Date: 2013-01-14 02:17:12 UTC
From: Barry Williams
Topic: 2707 Message: 2707

Hello,

Does anyone have a source for the PCB connectors for the CMH532/CMH741 RS 232 Interface units? Also, does anyone have the manual for the CMH 741 in electronic format? It is my guess that in order to transceiver with these units, all I need to do is to cross the Rx Data and Tx Data between the two connectors.

73,
Barry
KD5VC

Sent from Windows Mail

2708. Re: Modified NRD-515

Yahoo group: nrd-525-535
Date: 2013-01-22 22:29:21 UTC
From: gtorbeck
Topic: 2571 Message: 2708

Hello, Les.

I have just joined the group because, after many years, I have finally decided to buy an NRD-515. It has not yet arrived here, so I am trying to keep my expectations reined in. Although it comes with a few new filters I will probably drive across town to Sherwood to have it brought up to date. Any suggestions are welcome. Previously I owned a 525 and a 545 but ended up selling them. I also have an R8B which I will also sell. Tell me how you connect the Timewave to the NRD-515 as I have one sitting around here somewhere.

Best wishes,

Gil in Denver

--- In nrd-525-535@yahoogroups.com, "hstate5964" wrote:
>
> I recently obtained a JRC NRD-515 that has been modified with the following filters, 400 hz Sherwood, 1.9 Khz Collins mechanical, 2.9 Khz Collins mechanical, 3.8 Collins mechanical, 6.0 Khz JRC stock filter and a 8 Khz Murata ceramic. The attenuation network below 1.6 Mhz has been removed and the results are fabulous. It also has the Sherwood IF audio buffer board and the audio is very nice. Presently it is used with a Timewave DSP 599ZX audio filter and it works quite well, especially since the 515 noise blanker/limiter is useless and it has no notch filter. The Collins 1.9 mechanical filter has more audio recovery than I would have believed from such a narrow filter and really is a great AM DX filter.
>
> I've been dx'ing since 1957 and have uses many different receivers over the years mostly tube receivers, R-390. R-390A and SP-600's just to name a few. This receiver is very nice when compared to other JRC receivers I have owned, such as the NRD-525, 535, 535D and 545. It even compares favorably with a Drake R8B, and others of that era.
>
> Les Locklear
> Gulfport, Ms.
>

2709. CBO 232 Board

Yahoo group: nrd-525-535
Date: 2013-01-23 02:34:44 UTC
From: Barry Williams
Topic: 2709 Message: 2709

Does anyone know if this board is still available? I cannot seem to send his questionnaire. It asks for an e-mail but shows a fault and asks for a URL in the e-mail box.

73
Barry
KD5VC
On Jan 22, 2013 4:29 PM, "gtorbeck" <gilt46@...> wrote:

> **
>
>
> Hello, Les.
>
> I have just joined the group because, after many years, I have finally
> decided to buy an NRD-515. It has not yet arrived here, so I am trying to
> keep my expectations reined in. Although it comes with a few new filters I
> will probably drive across town to Sherwood to have it brought up to date.
> Any suggestions are welcome. Previously I owned a 525 and a 545 but ended
> up selling them. I also have an R8B which I will also sell. Tell me how you
> connect the Timewave to the NRD-515 as I have one sitting around here
> somewhere.
>
> Best wishes,
>
> Gil in Denver
>
> --- In nrd-525-535@yahoogroups.com, "hstate5964" wrote:
> >
> > I recently obtained a JRC NRD-515 that has been modified with the
> following filters, 400 hz Sherwood, 1.9 Khz Collins mechanical, 2.9 Khz
> Collins mechanical, 3.8 Collins mechanical, 6.0 Khz JRC stock filter and a
> 8 Khz Murata ceramic. The attenuation network below 1.6 Mhz has been
> removed and the results are fabulous. It also has the Sherwood IF audio
> buffer board and the audio is very nice. Presently it is used with a
> Timewave DSP 599ZX audio filter and it works quite well, especially since
> the 515 noise blanker/limiter is useless and it has no notch filter. The
> Collins 1.9 mechanical filter has more audio recovery than I would have
> believed from such a narrow filter and really is a great AM DX filter.
> >
> > I've been dx'ing since 1957 and have uses many different receivers over
> the years mostly tube receivers, R-390. R-390A and SP-600's just to name a
> few. This receiver is very nice when compared to other JRC receivers I have
> owned, such as the NRD-525, 535, 535D and 545. It even compares favorably
> with a Drake R8B, and others of that era.

> >
> > Les Locklear
> > Gulfport, Ms.
> >
>
>
>

2710. NVA 515 Speaker

Yahoo group: nrd-525-535
Date: 2013-01-23 02:39:01 UTC
From: ernied
Topic: 2710 Message: 2710

Hello every one, I am looking for an NVA 515 SPEAKER to match my NRD 515 receiver. Any help would be appreciated.

2711. Re: CBO 232 Board

Yahoo group: nrd-525-535
Date: 2013-01-23 09:41:22 UTC
From: daddeldu29
Topic: 2709 Message: 2711

Hello Barry,

a french ham produces a replacement board, see http://geip.pagesperso-orange.fr/NRD525.htm. The original board is sometimes available on Ebay, and usually expensive.

73 - Axel, DG3AL

--- In nrd-525-535@yahoogroups.com, Barry Williams wrote:
>
> Does anyone know if this board is still available? I cannot seem to send
> his questionnaire. It asks for an e-mail but shows a fault and asks for a
> URL in the e-mail box.
>
> 73
> Barry
> KD5VC
> On Jan 22, 2013 4:29 PM, "gtorbeck" wrote:
>
> > **
> >
> >
> > Hello, Les.
> >
> > I have just joined the group because, after many years, I have finally
> > decided to buy an NRD-515. It has not yet arrived here, so I am trying to
> > keep my expectations reined in. Although it comes with a few new filters I
> > will probably drive across town to Sherwood to have it brought up to date.
> > Any suggestions are welcome. Previously I owned a 525 and a 545 but ended
> > up selling them. I also have an R8B which I will also sell. Tell me how you
> > connect the Timewave to the NRD-515 as I have one sitting around here
> > somewhere.
> >
> > Best wishes,
> >
> > Gil in Denver
> >
> > --- In nrd-525-535@yahoogroups.com, "hstate5964" wrote:
> > >
> > > I recently obtained a JRC NRD-515 that has been modified with the
> > following filters, 400 hz Sherwood, 1.9 Khz Collins mechanical, 2.9 Khz
> > Collins mechanical, 3.8 Collins mechanical, 6.0 Khz JRC stock filter and a
> > 8 Khz Murata ceramic. The attenuation network below 1.6 Mhz has been
> > removed and the results are fabulous. It also has the Sherwood IF audio
> > buffer board and the audio is very nice. Presently it is used with a
> > Timewave DSP 599ZX audio filter and it works quite well, especially since

> > the 515 noise blanker/limiter is useless and it has no notch filter. The
> > Collins 1.9 mechanical filter has more audio recovery than I would have
> > believed from such a narrow filter and really is a great AM DX filter.
> > >
> > > I've been dx'ing since 1957 and have uses many different receivers over
> > the years mostly tube receivers, R-390. R-390A and SP-600's just to name a
> > few. This receiver is very nice when compared to other JRC receivers I have
> > owned, such as the NRD-525, 535, 535D and 545. It even compares favorably
> > with a Drake R8B, and others of that era.
> > >
> > > Les Locklear
> > > Gulfport, Ms.
> > >
> >
> >
> >
>

2712. Re: [nrd-525-535] Re: CBO 232 Board

Yahoo group: nrd-525-535
Date: 2013-01-23 13:09:46 UTC
From: Barry Williams
Topic: 2709 Message: 2712

Axel

Thank you for the information. I have sent a couple of e-mails over the
past week but no reply. I didn't know if he was still producing the boards
or whether I have the correct e-mail.

I have a JST 135 HP with RS 232 and hoped to get it to transceive with my
NRD 525.

73
Barry
On Jan 23, 2013 3:41 AM, "daddeldu29" <dg3al@...> wrote:

> **
>
>
> Hello Barry,
>
> a french ham produces a replacement board, see
> http://geip.pagesperso-orange.fr/NRD525.htm. The original board is
> sometimes available on Ebay, and usually expensive.
>
> 73 - Axel, DG3AL
>
> --- In nrd-525-535@yahoogroups.com, Barry Williams wrote:
> >
> > Does anyone know if this board is still available? I cannot seem to send
> > his questionnaire. It asks for an e-mail but shows a fault and asks for a
> > URL in the e-mail box.
> >
> > 73
> > Barry
> > KD5VC
> > On Jan 22, 2013 4:29 PM, "gtorbeck" wrote:
> >
> > > **
> > >
> > >
> > > Hello, Les.
> > >
> > > I have just joined the group because, after many years, I have finally
> > > decided to buy an NRD-515. It has not yet arrived here, so I am trying
> to
> > > keep my expectations reined in. Although it comes with a few new
> filters I
> > > will probably drive across town to Sherwood to have it brought up to

> date.
> > > Any suggestions are welcome. Previously I owned a 525 and a 545 but
> ended
> > > up selling them. I also have an R8B which I will also sell. Tell me
> how you
> > > connect the Timewave to the NRD-515 as I have one sitting around here
> > > somewhere.
> > >
> > > Best wishes,
> > >
> > > Gil in Denver
> > >
> > > --- In nrd-525-535@yahoogroups.com, "hstate5964" wrote:
> > > >
> > > > I recently obtained a JRC NRD-515 that has been modified with the
> > > following filters, 400 hz Sherwood, 1.9 Khz Collins mechanical, 2.9 Khz
> > > Collins mechanical, 3.8 Collins mechanical, 6.0 Khz JRC stock filter
> and a
> > > 8 Khz Murata ceramic. The attenuation network below 1.6 Mhz has been
> > > removed and the results are fabulous. It also has the Sherwood IF audio
> > > buffer board and the audio is very nice. Presently it is used with a
> > > Timewave DSP 599ZX audio filter and it works quite well, especially
> since
> > > the 515 noise blanker/limiter is useless and it has no notch filter.
> The
> > > Collins 1.9 mechanical filter has more audio recovery than I would have
> > > believed from such a narrow filter and really is a great AM DX filter.
> > > >
> > > > I've been dx'ing since 1957 and have uses many different receivers
> over
> > > the years mostly tube receivers, R-390. R-390A and SP-600's just to
> name a
> > > few. This receiver is very nice when compared to other JRC receivers I
> have
> > > owned, such as the NRD-525, 535, 535D and 545. It even compares
> favorably
> > > with a Drake R8B, and others of that era.
> > > >
> > > > Les Locklear
> > > > Gulfport, Ms.
> > > >
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2713. Re: [nrd-525-535] Re: CBO 232 Board

Yahoo group: nrd-525-535
Date: 2013-01-23 13:21:25 UTC
From: QRV
Topic: 2709 Message: 2713

Hello, I have received only one mail today... I sent the information on your mail. Best regards. Christophe.

> Message du 23/01/13 14:09
> De : "Barry Williams"
> A : nrd-525-535@yahoogroups.com
> Copie à :
> Objet : Re: [nrd-525-535] Re: CBO 232 Board
>
>
>
>
Axel

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> 73 - Axel, DG3AL
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> --- In nrd-525-535@yahoogroups.com, Barry Williams wrote:
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> > Does anyone know if this board is still available? I cannot seem to send
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> > 73
> > Barry
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> > On Jan 22, 2013 4:29 PM, "gtorbeck" wrote:
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> > > owned, such as the NRD-525, 535, 535D and 545. It even compares favorably
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> > > >
> > > > Les Locklear
> > > > Gulfport, Ms.
> > > >
> > >
> > >
> > >
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>

2714. Touch Up Paint

Yahoo group: nrd-525-535
Date: 2013-01-31 13:19:47 UTC
From: Barry Williams
Topic: 2714 Message: 2714

Does anyone have a source of touch-up paint that matches the NRD525 top cover? I just bought a power supply for the JST135HP that has a scrape on the top cover. It matches my 525 color.

73
Barry
KD5VC

2715. RE: [nrd-525-535] Touch Up Paint

Yahoo group: nrd-525-535
Date: 2013-01-31 15:28:57 UTC
From: Charles
Topic: 2714 Message: 2715

Barry,

If someone answers your request, can you please pass the answer on to me? I have

a 525 that's messed up too. Thank you.

ka4prf@...

Chuck

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of Barry Williams
Sent: 31 January, 2013 13:20
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Touch Up Paint

Does anyone have a source of touch-up paint that matches the NRD525 top cover? I just bought a power supply for the JST135HP that has a scrape on the top cover. It matches my 525 color.

73
Barry
KD5VC

2716. My dead nrd 535

Yahoo group: nrd-525-535
Date: 2013-02-05 22:43:42 UTC
From: stuart
Topic: 2695 Message: 2716

hi. re my dead 535 im still trying to get my 535 repaired. the guy who is trying to fix it for me wants a extender board or boards to try to repair any faults. can anyone point me to where i can find sutch a beastie , or can any one tell me where i can find spare boards. any help would be very mutch appreciated..

regard Stuart..

2717. CQF-3003 Info

Yahoo group: nrd-525-535
Date: 2013-02-06 01:08:06 UTC
From: Barry Williams
Topic: 2717 Message: 2717

Does anyone have a manual or any other information on the CQF-3003 cable set to allow transceive between the JST-135 and NRD-525? There is some information on the transceive operation in the JST manual, but for connection there are two lines on the 525 that are taken to a DB-25 on the transceiver. According to the drawing one of these lines is the 10 volt DC line. I have looked at the DB-25 pin out and cannot figure out where that would go. The other connection is the mute, no problem on it. I am guessing that the DC from the receiver is sensed by the transceiver to tell the software that the receiver is in operation. Transceive allows transmit frequency from the transceiver PLL or the Receiver PLL, with the two frequencies tied together (via RTS-232) or separate operation according to the manual. The transceiver manual says to look at the CQF 3003 manual for further information.

73,
Barry
KD5VC

2718. Hello

Yahoo group: nrd-525-535
Date: 2013-02-16 07:39:54 UTC
From: Andrew
Topic: 100 Message: 2718

Hello to all

I have just joined this forum after re starting a childhood interest and buying a JRC NRD 535

So far I am happy with the radio, I would like to obtain the CFL 432 pcb and the CMF 78 ECSS board.

It seems these items are rare.

I am using a long piece of wire for the antenna however this weekend wx permitting I hope to put an outside aerial up with a 9:1 unun.

2719. 525 rear panel vhf/uhf connectors question

Yahoo group: nrd-525-535
Date: 2013-02-25 16:57:43 UTC
From: ak7dx
Topic: 2719 Message: 2719

I am a returning forum member and am awaiting a what looks to be a nice 525 and NVA 88 I noticed from the photos it has the uhf/vhf so239 antenna connectors on the rear panel. But looking at the photo of the boards this CMK-165 VHF/UHF Converter Board is missing

I guess the previous owner or seller just removed the board and left the antenna connectors?

anyone kow? I assume these holes are normally plugged without the board.

Plus I'm a firm beliver in seperate receivers, the shortwve/scanner combo is a bit overboard for me.

2720. Re: [nrd-525-535] 525 rear panel vhf/uhf connectors question

Yahoo group: nrd-525-535
Date: 2013-02-25 17:19:43 UTC
From: Jim DiMauro
Topic: 2719 Message: 2720

My 525 came new with the holes plugged. The connectors are part of the converter kit, so you are correct in assuming that whoever removed the boards left the connectors in place.

I agree that the converter kit is not a must have for that receiver, which I why I didn't purchase it when I bought the receiver new. However, I came across a CMK-165 about ten years ago at a price that I couldn't pass up, so I picked it up and installed it. It seems to work well, but I really don't use it.

From: ak7dx <aksafety@...>
To: nrd-525-535@...m
Sent: Monday, February 25, 2013 11:57 AM
Subject: [nrd-525-535] 525 rear panel vhf/uhf connectors question

I am a returning forum member and am awaiting a what looks to be a nice 525 and NVA 88 I noticed from the photos it has the uhf/vhf so239 antenna connectors on the rear panel. But looking at the photo of the boards this CMK-165 VHF/UHF Converter Board is missing

I guess the previous owner or seller just removed the board and left the antenna connectors?

anyone kow? I assume these holes are normally plugged without the board.

Plus I'm a firm beliver in seperate receivers, the shortwve/scanner combo is a bit overboard for me.

Yahoo! Groups Links

    http://docs.yahoo.com/info/terms/

2721. Thanks Jim

Yahoo group: nrd-525-535
Date: 2013-02-25 22:41:14 UTC
From: ak7dx
Topic: 2719 Message: 2721

After looking at the/my photos (should have realized)I see the 2 gray cables from where the board was, going to the rear panel. I believe have close to the original black plastic hole plugs so I can remove and plug.

73

John

2722. Reintroduction : returning forum member John Miller, Boise, Idaho

Yahoo group: nrd-525-535
Date: 2013-02-25 22:49:36 UTC
From: ak7dx
Topic: 2722 Message: 2722

My earliest recollection of Short-wave radio is back in the late 50's early 60's listening to my Grandmothers and Grandfathers old Philco radio in their home in Philadelphia, a big monster that seemed to pull in stations from all over the world. In 1964 I built my first SWL receiver a Lafayette Explorer-Air Super-Regenerative, and I still have it! My first portable was a Toshiba multi-band SWL receiver a friend got me while in Japan (they were very cheap in the late 60's) I had gotten my general Ham license W3JJD in 1964 and was on the air for 30+ years both back east and in Alaska as W3JJD/KL7. Early on had Mostly S-line Collins gear. The envy of my Elmer (Walt-W3FGQ) my Grandparents purchased with the promise that I got my license. I had a station set up during the construction of the Trans-Alaskan Oil Pipeline from 75-77 at Alyeska Pump Station 12, Mile Post 65 on the Richardson Hwy between Copper Center and Valdez.
I obtained many QSL cards from around the world from DX'ing from this unique station from 1975 to 1977. During the time I was employed as Fire Chief and Safety Engineer from 1977 to 1999. I and other BP hams operated the British Petroleum Oil Company ham station at Prudhoe Bay, Alaska from 77 to about 92. We also had the opportunity on occasion to "operate" the Alaska Clean Sea's Environmental Company's HF station with featured a Harris 1KW transceiver and Log Periodic, talk about worldwide contacts! That station was smoke' in (figuratively)

Then got into SWL (ham bands not like they used to be too many Lid's) my first SWL rig in recent times (91) was a Yaesu FRG-7700, all the JRC SWL line (not all at once) NRD-505, 515, 525, 535D and numerous commercial HF Rx rigs including a Cubic 3030 (dual receivers one chassis) a Racal 6790, and a Harris RF-590A with spare modules, Speaking of the Harris RF-590A I purchased in 94 from a gentleman in Georgia who had gotten several from a contractor who had a US government contract, mine was brand new still inside the sealed aluminum hermetically sealed bag. Also had a complete set of spare modules.
I called a friend Chris Christiansen, at the time a senior repair tech for Harris in Rochester NY and advised him of my radio "find" for $2500. Several months went by and Chris called me to ask if I wanted to sell the IF module with the blue Plastic Collins mechanical filters on it back to Harris. Seems Harris does not stock too many modules in their warehouse due to their production expense/overhead cost and the overall reliability of the radio and components. Since it was still sealed in its factory bag it could be sold as new. Harris paid me $1400 for the module which normally would last for many years, so I was not too worried about mine going out. Several R-390A's (My SWL Anchorage, Alaska shack is in the October 98 edition of Electric Radio) and a few 51J4's one very rare lab model with a gray painted front and etched panel rather than silk screened and black crinkle finish.

My favorite Alaskan SWL radio story is in 1996 after winning a bid at Elmendorf AFB on 3 "military radios" which were described as new HF receivers. I bid a total of $500 for all three, and after paying, was given directions to a small leased US Navy warehouse on Ship Creek road in Anchorage, where in the center of this empty building sat three wooden crates (never opened EAC R-390A's) (Electronic Assistance Corporation) last of the R390A contracts or so I'm told.

There were marked for US Navy Adak Communications station that was part of the Naval Security Group Russian/Chinese military comms listening post on the very western end of the Aleutian chain. Never opened, in wood crates, spare tubes, cabinets with shock mounts, complete manuals, etc. I sold 2 to collectors for $2500 each and kept the last one until 99 and sold it to a ham in Washington for $2000. All 3 originally for $500!

Still SWL'ing with an JRC NRD-525 and NVA-88 speaker, 2800 ft elevation in the Boise foothills using N9HPR end-fed roof mounted antenna (one way to get around those outside antenna CCR's)

2723. RE: [nrd-525-535] Reintroduction : returning forum member John Miller, Boise, Idaho

Yahoo group: nrd-525-535
Date: 2013-02-26 02:44:46 UTC
From: Gary Saltz
Topic: 2722 Message: 2723

Welcome back John.think I remember the stories! Still have the Icom R-75 new you sold me.

Gary in Phoenix WA9IQW(previous St. George)

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of ak7dx
Sent: Monday, February 25, 2013 3:50 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Reintroduction : returning forum member John Miller, Boise, Idaho

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.2899 / Virus Database: 2641/6133 - Release Date: 02/25/13

2724. Improving sound from the NVA-88 comments/suggestions?

Yahoo group: nrd-525-535
Date: 2013-02-26 15:53:46 UTC
From: ak7dx
Topic: 2724 Message: 2724

Am awaiting arrival of a NRD-525 and NVA-88 (more on that after arrival/checkout) was wondering if any forum members using a NVA-88 have modified the speaker, i.e. internal foam for sound damping, or even replaced the original speaker for improved sound quality.

Then again it's been years since I last used a NVA outboard speaker so it may sound fine once I get my receiver/speaker.

Any thoughts?

73

John
Boise, Idaho

2725. RE: [nrd-525-535] Improving sound from the NVA-88 comments/suggestions?

Yahoo group: nrd-525-535
Date: 2013-02-26 15:58:47 UTC
From: Ernie D
Topic: 2724 Message: 2725

you can improve the sound by lining the top bottom and sides of the nva 88 by using 1/4 to 1/2 inch foam around the top bottom and sides but I will say from my own experiance that the nva 88 sounds much better connected to my JRC NRD 515 the amplifier in the 525 leaves alot to be desired, you would be better off using the line output and driving an external amp and connecting that to your NVA 88.
I can also tell you if you ever get a chance to pick up a 515 you will love it and you probably will not use your 525 that much like me.

> To: nrd-525-535@yahoogroups.com
> From: aksafety@ctcweb.net
> Date: Tue, 26 Feb 2013 15:53:46 +0000
> Subject: [nrd-525-535] Improving sound from the NVA-88 comments/suggestions?
>
> Am awaiting arrival of a NRD-525 and NVA-88 (more on that after arrival/checkout) was wondering if any forum members using a NVA-88 have modified the speaker, i.e. internal foam for sound damping, or even replaced the original speaker for improved sound quality.
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>
> Any thoughts?
>
> 73
>
> John
> Boise, Idaho
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
>

2726. Thanks, Ernie

Yahoo group: nrd-525-535
Date: 2013-02-26 22:59:16 UTC
From: ak7dx
Topic: 2724 Message: 2726

My first and only 515 I picked up at the Payallup hamfest in Washington back in about 96. Had it and the memory unit.

My NRD-505 was from back in the days of "The Ham Trader Yellow Sheets" published in Seattle WA before the internet. We in Alaska got ours within a day after publishng so we had the advantage over the east and southern areas of the US for "bargains" I think I paid $250 or so, nice rig modeled after the Collins 51S1 as it had a PTO.

73

John

2727. NVA-88 SOUND IMPROVEMENT

Yahoo group: nrd-525-535
Date: 2013-02-28 15:35:53 UTC
From: John Miller
Topic: 2727 Message: 2727
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks, most stock outboard OEM speakers are poor quality I found.

I'm looking at Parts Express they have a selection of 4in speakers. the only issues I've found from past mods is the internal housing speaker area needs to be exact or very close in diameter due to the mounding tabs, molded plastic recess area etc.

But I have a Palstar SP-30B, which has great eham reviews and has the speaker and internal damping material. Pricey with a wood enclosure but versatile with various types of connectors on the rear. Does not "match" the 525 but, bottom line is sound quality for me and not ascetics. Plus I can always sell the 88 as it's like new with the box.

73

John

2728. Re: [nrd-525-535] NVA-88 SOUND IMPROVEMENT

Yahoo group: nrd-525-535
Date: 2013-02-28 17:25:44 UTC
From: Barry Williams
Topic: 2727 Message: 2728
Attachments: 1 described; binary payloads are missing from this source WARC

I wouldn't recommend modifying the speaker, they are a little pricey to cut up, but look at http://geip.pagesperso-orange.fr/NRD525.htm he adds audio filters and a second input line, making it similar to the ICOM SP-20, and others.

73,
Barry

On Thu, Feb 28, 2013 at 9:35 AM, John Miller <aksafety@ctcweb.net> wrote:

> **
>
>
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>
> ** **
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> ** **
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>
> ** **
>
> 73****
>
> ** **
>
> John****
>
>
>

2729. Re: Improving sound from the NVA-88 comments/suggestions?

Yahoo group: nrd-525-535
Date: 2013-02-28 23:39:13 UTC
From: toptyp19
Topic: 2724 Message: 2729

Hi John-

Years ago I replaced mine with one with a Motorola public safety type. You know, the ones from the squad cars? They are inside a small metal cabinet that mounted on the dashboard I believe. It was a perfect fit. The magnet is much larger. Remember though, the frequency response is mainly for voice bandwidths, not music. Use the batting as well.

73, Joe-WA9LAE

--- In nrd-525-535@yahoogroups.com, "ak7dx" <aksafety@...> wrote:
>
> Am awaiting arrival of a NRD-525 and NVA-88 (more on that after arrival/checkout) was wondering if any forum members using a NVA-88 have modified the speaker, i.e. internal foam for sound damping, or even replaced the original speaker for improved sound quality.
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>
> Any thoughts?
>
> 73
>
> John
> Boise, Idaho
>

2730. Re: Improving sound from the NVA-88 comments/suggestions?

Yahoo group: nrd-525-535
Date: 2013-03-02 01:21:15 UTC
From: John Miller
Topic: 2724 Message: 2730
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Joe:

Good idea, those original Motorola Motrac speakers (cream colored with silver grill) as you mentioned were very good speakers I've seen them at hamfests for as little as $5

73

John

2731. RE: [nrd-525-535] Re: Improving sound from the NVA-88 comments/suggestions?

Yahoo group: nrd-525-535
Date: 2013-03-02 10:03:59 UTC
From: QRV
Topic: 2724 Message: 2731
Attachments: 2 described; binary payloads are missing from this source WARC

Here, there is a JRC NVA-88 speaker mods with new filters.

http://geip.pagesperso-orange.fr/NVA88En.htm

73

De : nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] De la part de John Miller
Envoyé : samedi 2 mars 2013 02:21
À : nrd-525-535@yahoogroups.com
Objet : [nrd-525-535] Re: Improving sound from the NVA-88 comments/suggestions?

Thanks Joe:

Good idea, those original Motorola Motrac speakers (cream colored with silver grill) as you mentioned were very good speakers I□ve seen them at hamfests for as little as $5

73

John

2732. Adding mechanical filters to the 525, questions

Yahoo group: nrd-525-535
Date: 2013-03-02 18:09:33 UTC
From: ak7dx
Topic: 2732 Message: 2732

Anyone tried it?

Any improvments?

What brand,Collins, part number,etc.

I suspect you would need to add a small circuit baard and components to mount in the IF board exsisting filter holes?

73

John

2733. Re: Improving sound from the NVA-88 comments/suggestions?

Yahoo group: nrd-525-535
Date: 2013-03-02 21:48:28 UTC
From: ak7dx
Topic: 2724 Message: 2733

Joe:

After futher research, was it a metal cased speaker (older Micor or Mocom)or gray plastic?

Maratac speakers were gray plastic rated at 20 watts and 3.2 ohms, not sure what the speaker dimensions were, but externaly the cabinet was not too big so the speaker might fit inside the NVA-88 cabinet as you mentioned.

73

John

2734. Re: Improving sound from the NVA-88 comments/suggestions?

Yahoo group: nrd-525-535
Date: 2013-03-03 00:20:00 UTC
From: toptyp19
Topic: 2724 Message: 2734

John-

Definitely metal cased. At the time I bought 4 or 5 of them from a local place called Spectronics in South Oak Park, IL. Was a great place. Had bins and bins of "stuff", lots of it public safety but some ham as well. I purchased a mint SX-117 there for $100! I still have it and won't part with it, HI! By the way; the speakers set me back $2-$4 apiece. This would have been back in the early 70's I think. As I said, the speaker is a drop-in from what I recall. I will double-check tomorrow when I head over to my "other" house! (That's the one I'm still trying to sell!) The 525 and speaker are over there. I'll get back to you tomorrow for sure.

73, Joe-WA9LAE

--- In nrd-525-535@yahoogroups.com, "ak7dx" <aksafety@...> wrote:
>
>
> Joe:
>
> After futher research, was it a metal cased speaker (older Micor or Mocom)or gray plastic?
>
> Maratac speakers were gray plastic rated at 20 watts and 3.2 ohms, not sure what the speaker dimensions were, but externaly the cabinet was not too big so the speaker might fit inside the NVA-88 cabinet as you mentioned.
>
> 73
>
> John
>

2735. 525 arrives... But !

Yahoo group: nrd-525-535
Date: 2013-03-03 02:42:21 UTC
From: ak7dx
Topic: 2735 Message: 2735

No display, no audio.

In opening the top cover CGA- Loop1 LED is on.

CGA 132 loop 1 LED is on the other flickers, then goes out. CDC-353 both LEDs light then go out.

I don't remember from my previous 525 (96)if the are "fault" lights i.e. being on is board fuctional?

Any ideas, I can return it to the seller.

73

John

2736. Voltage selector was set for 220 !

Yahoo group: nrd-525-535
Date: 2013-03-03 03:24:34 UTC
From: ak7dx
Topic: 2735 Message: 2736

--- On 110 now working perfect sweet rig.

73

John

2737. Re: [nrd-525-535] 525 arrives... But !

Yahoo group: nrd-525-535
Date: 2013-03-03 14:41:26 UTC
From: Bill Cotter
Topic: 2735 Message: 2737

John,

I sold a great 535D receiver to a ham and when he
received it, it was dead. Turned out that one of
the cards was unseated, likely from rough
handling during shipping. He removed the card
retaining bar, unplugged each card and reseated
it. They it worked as it should have.

First thought, try reseating the cards.

73 Bill N4LG

At 09:42 PM 3/2/2013, you wrote:
>
>
>No display, no audio.
>
>In opening the top cover CGA- Loop1 LED is on.
>
>CGA 132 loop 1 LED is on the other flickers,
>then goes out. CDC-353 both LEDs light then go out.
>
>I don't remember from my previous 525 (96)if the
>are "fault" lights i.e. being on is board fuctional?
>
>Any ideas, I can return it to the seller.
>
>73
>
>John
>
>

2738. CHF-36 board price?

Yahoo group: nrd-525-535
Date: 2013-03-04 17:16:13 UTC
From: ak7dx
Topic: 2738 Message: 2738

What is a fair price for a CHF-36 board with the 3 standard xtal/ceramic filters?

2739. Re: [nrd-525-535] CHF-36 board price?

Yahoo group: nrd-525-535
Date: 2013-03-04 17:23:28 UTC
From: Edward
Topic: 2738 Message: 2739

100

Sent from my iPhone

On Mar 4, 2013, at 20:16, "ak7dx" <aksafety@ctcweb.net> wrote:

> What is a fair price for a CHF-36 board with the 3 standard xtal/ceramic filters?
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

2740. RE: [nrd-525-535] CHF-36 board price?

Yahoo group: nrd-525-535
Date: 2013-03-04 17:42:33 UTC
From: Charles
Topic: 2738 Message: 2740

The last time I bought a new board. it was over $300 from JRC.

Chuck

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of Edward
Sent: 04 March, 2013 17:23
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] CHF-36 board price?

100

Sent from my iPhone

On Mar 4, 2013, at 20:16, "ak7dx" aksafety@...
<mailto:aksafety%40ctcweb.net> > wrote:

> What is a fair price for a CHF-36 board with the 3 standard xtal/ceramic filters?
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

2741. FS: 525 mint, $550

Yahoo group: nrd-525-535
Date: 2013-03-05 13:47:28 UTC
From: ak7dx
Topic: 2741 Message: 2741

Here is a chance to own a perfect, not a mark. 525 with op/service manual (bound copy) original box.

Installed optional JRC filters; 1 khz/12kc aux.

$550 prefer MO or check. shipping we can talk.

73

John

2742. Correct price is: $450

Yahoo group: nrd-525-535
Date: 2013-03-06 02:04:11 UTC
From: ak7dx
Topic: 2741 Message: 2742

Here is a chance to own a perfect, not a mark. 525 with op/service manual (bound copy) original box.

$450 prefer MO or check.

73

John

2743. Re: [nrd-525-535] Correct price is: $450

Yahoo group: nrd-525-535
Date: 2013-03-06 02:11:48 UTC
From: mparkinson1
Topic: 2741 Message: 2743

How much for shipping or is that included.
Matt Parkinson Military Equipment & R 390A Depot Center

2744. Fw: note

Yahoo group: nrd-525-535
Date: 2013-03-14 16:29:40 UTC
From: Myteaquinn
Topic: 2744 Message: 2744

http://disneylandfrance.com/mo/pzjuqeihyiszwzt/qunnpqxdmpkcs.php

2745. I've been hacked!!!!!

Yahoo group: nrd-525-535
Date: 2013-03-14 19:11:27 UTC
From: Myteaquinn
Topic: 2745 Message: 2745

I just realized that my email has been hacked, so if you have received a link from me please delete the email as soon as possible. Do not click on the link. I am sorry for the inconvience.

myteaquinn, west of Cleveland

2746. FS: 525 CHF-36 board/ Crystal filters $125/$100/$100

Yahoo group: nrd-525-535
Date: 2013-03-14 20:08:30 UTC
From: ak7dx
Topic: 2746 Message: 2746

JRC CHF-36 Filter board with stock Crystal/Ceramic filters.

Works perfect, Great optional IF board or adding mechanical filters to the 525.

NDK Crystal Filter, CFL-231 YF455FM 240 khz

NDK Crystal filter YF-455DE 1 khz

2747. JRC CMK-165 VHF-UHF internal converter and CFL-232 and CFL-233 filters for sale

Yahoo group: nrd-525-535
Date: 2013-03-25 23:43:26 UTC
From: mi0jst
Topic: 2747 Message: 2747

Hi All

I have the following items on Ebay for sale:

JRC CMK-165 VHF-UHF internal converter, both boards (CHE-85 and CGA-118) with antenna cables:

http://tinyurl.com/bpwsetc

1kHz JRC RTTY / DATA Narrow Filter CFL-233

http://tinyurl.com/caph5zw

500Hz JRC CW Narrow Filter CFL-232

http://tinyurl.com/d8x72vq

thanks for looking and for use of the board

Victor

2748. Re: Adding mechanical filters to the 525, questions

Yahoo group: nrd-525-535
Date: 2013-03-31 19:21:37 UTC
From: kloo1063
Topic: 2732 Message: 2748

I believe that if the filter is a JRC one like the CFL-233 1 kHz, then carefully removing the board with 2 small gadgets that hold it, screw in filter(s) and solder the connections and then carefully insert the board back in the receiver. I haven't tried it yet, as I just bought a "new" NRD-525 with only the supplied filters. The optional filters had been discontinued, but I am hoping that I will find a CFL-233 and a Collins SSB one as well.

73,
Dan

--- In nrd-525-535@yahoogroups.com, "ak7dx" <aksafety@...> wrote:
>
> Anyone tried it?
>
> Any improvments?
>
> What brand,Collins, part number,etc.
>
> I suspect you would need to add a small circuit baard and components to mount in the IF board exsisting filter holes?
>
> 73
>
> John
>

2749. Re: [nrd-525-535] Re: Adding mechanical filters to the 525, questions

Yahoo group: nrd-525-535
Date: 2013-03-31 20:42:24 UTC
From: Patrick Garner
Topic: 2732 Message: 2749

For all interested, I just put my beloved & spectacular JRC 525 up on eBay. This one is seriously tricked out w/ many of the finest modifications. Check it out.

http://www.ebay.com/itm/321099597206?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649

Thanks, Pat

On Mar 31, 2013, at 3:21 PM, kloo1063 <dcsp157@...> wrote:

> I believe that if the filter is a JRC one like the CFL-233 1 kHz, then carefully removing the board with 2 small gadgets that hold it, screw in filter(s) and solder the connections and then carefully insert the board back in the receiver. I haven't tried it yet, as I just bought a "new" NRD-525 with only the supplied filters. The optional filters had been discontinued, but I am hoping that I will find a CFL-233 and a Collins SSB one as well.
>
> 73,
> Dan
>
> --- In nrd-525-535@yahoogroups.com, "ak7dx" <aksafety@...> wrote:
> >
> > Anyone tried it?
> >
> > Any improvments?
> >
> > What brand,Collins, part number,etc.
> >
> > I suspect you would need to add a small circuit baard and components to mount in the IF board exsisting filter holes?
> >
> > 73
> >
> > John
> >
>
>

2750. Re: How to tighten up tuning knob on 535D

Yahoo group: nrd-525-535
Date: 2013-04-07 18:18:07 UTC
From: squire9802
Topic: 2686 Message: 2750

If anyone would still like to know the answer to this one...........

Slide off the rubber grip from the main tuning knob.

Locate the small hole in the plastic knob.

Use a 1.5mm Allen key, 2-3 anti-clockwise rotations (our American friends may prefer to use counter-clockwise ones!)

Slide the knob off.

Cut a circle, (slightly smaller than the back of the tuning knob) from a piece of felt, approx 2mm thick.

Cut a hole in the centre to accomodate the tuning spigot thing, slide the washer into place.

Re-locate the knob, re-tighten the grub screw, slide the rubber grip back on.

No more over/under tuning.

Jobs a good 'un.

--- In nrd-525-535@yahoogroups.com, poldhu1901@... wrote:
>
> Mine's in its box right now but as I remember it there is a grub screw in
> the side of the knob underneath the rubber finger grip.
> The grip is fairly tight on the knob but should slide off with a little
> persuasion.
>
> Regards
>
> Nigel
> GM8PZR
>
>
> In a message dated 02/12/2012 13:41:23 GMT Standard Time,
> dcsp157@... writes:
>
>
>
>
>
> Hello,
>
> I looked at the 2006-2011 posts in this groub about the 535 tuning knob
> being loose. I have an early model 535D that also has the big knob that feels
> loose. One owner suggested removing the knob when installing the felt

> washer but I don't see a way to remove the knob. I see no screws in the knob
> like in the Yaesu FRG-7700. Any suggestions on how to remove the knob without
> doing an damage to the receiver?
>
> Thanks,
> Dan
>

2751. Looking for Parts and NVA-319 Speaker

Yahoo group: nrd-525-535
Date: 2013-04-07 18:20:27 UTC
From: crenshawradio
Topic: 2751 Message: 2751

Hello Members,

I am looking for a NRD-535D parts set to cosmetically restore my 535D. If you have one or spare parts, please contact me.

I am also looking for the matching speaker NVA-319 if you have one for sale.

Thanks!

Todd

2752. Re: [nrd-525-535] Re: How to tighten up tuning knob on 535D

Yahoo group: nrd-525-535
Date: 2013-04-07 19:20:37 UTC
From: Dan
Topic: 2686 Message: 2752

Nigel,
Thank you for the suggestion! It never occurred to me that the big knob has a separate rubber grip. It turns out that the nut behind my 535D's knob was loose so I tightened it.

Dan

From: squire9802 <petehodkinson@...>
To: nrd-525-535@yahoogroups.com
Sent: Sunday, April 7, 2013 2:18 PM
Subject: [nrd-525-535] Re: How to tighten up tuning knob on 535D

If anyone would still like to know the answer to this one.....

Slide off the rubber grip from the main tuning knob.

Locate the small hole in the plastic knob.

Use a 1.5mm Allen key, 2-3 anti-clockwise rotations (our American friends may prefer to use counter-clockwise ones!)

Slide the knob off.

Cut a circle, (slightly smaller than the back of the tuning knob) from a piece of felt, approx 2mm thick.

Cut a hole in the centre to accomodate the tuning spigot thing, slide the washer into place.

Re-locate the knob, re-tighten the grub screw, slide the rubber grip back on.

No more over/under tuning.

Jobs a good 'un.

--- In mailto:nrd-525-535%40yahoogroups.com, poldhu1901@... wrote:
>
> Mine's in its box right now but as I remember it there is a grub screw in
> the side of the knob underneath the rubber finger grip.
> The grip is fairly tight on the knob but should slide off with a little
> persuasion.
>
> Regards
>
> Nigel
> GM8PZR
>
>

> In a message dated 02/12/2012 13:41:23 GMT Standard Time,
> dcsp157@... writes:
>
>
>
>
> Hello,
>
> I looked at the 2006-2011 posts in this groub about the 535 tuning knob
> being loose. I have an early model 535D that also has the big knob that feels
> loose. One owner suggested removing the knob when installing the felt
> washer but I don't see a way to remove the knob. I see no screws in the knob
> like in the Yaesu FRG-7700. Any suggestions on how to remove the knob without
> doing an damage to the receiver?
>
> Thanks,
> Dan
>

2753. Re: [nrd-525-535] Re: How to tighten up tuning knob on 535D

Yahoo group: nrd-525-535
Date: 2013-04-08 00:05:45 UTC
From: poldhu1901@...
Topic: 2686 Message: 2753

Hi Dan,

Glad to be of help, and glad to hear you got it sorted.

In these days of DSP and SDR, and I'm as much an enthusiastic user of
those as the next guy, the 535 still stands out as such a beautiful receiver!

Regards

Nigel
GM8PZR

In a message dated 07/04/2013 20:20:40 GMT Daylight Time,
dcsp157@... writes:

Nigel,
Thank you for the suggestion! It never occurred to me that the big knob
has a separate rubber grip. It turns out that the nut behind my 535D's knob
was loose so I tightened it.

Dan

From: squire9802 <petehodkinson@...>
To: nrd-525-535@yahoogroups.com
Sent: Sunday, April 7, 2013 2:18 PM
S ubject: [nrd-525-535] Re: How to tighten up tuning knob on 535D

<WBR

If anyone would still like to know the answer to this one.....

Slide off the rubber grip from the main tuning knob.

Locate the small hole in the plastic knob.

Use a 1.5mm Allen key, 2-3 anti-clockwise rotations (our American friends
may prefer to use counter-clockwise ones!)

Slide the knob off.

Cut a circle, (slightly smaller than the back of the tuning knob) from a
piece of felt, approx 2mm thick.

Cut a hole in the centre to accomodate the tuning spigot thing, slide the
washer into place.

Re-locate the knob, re-tighten the grub screw, slide the rubber grip back
on.

No more over/under tuning.

Jobs a good 'un.

--- In _mailto:nrd-525-535%40yahoogroups.com_
(mailto:nrd-525-535@yahoogroups.com) , poldhu1901@... wrote:
>
> Mine's in its box right now but as I remember it there is a grub screw
in
> the side of the knob underneath the rubber finger grip.
> The grip is fairly tight on the knob but should slide off with a little
> persuasion.
>
> Regards
>
> Nigel
> GM8PZR
>
>
> In a message dated 02/12/2012 13:41:23 GMT Standard Time,
> dcsp157@... writes:
>
>
>
>
>
> Hello,
>
> I looked at the 2006-2011 posts in this groub about the 535 tuning knob
> being loose. I have an early model 535D that also has the big knob that
feels
> loose. One owner suggested removing the knob when installing the felt
> washer but I don't see a way to remove the knob. I see no screws in the
knob
> like in the Yaesu FRG-7700. Any suggestions on how to remove the knob
without
> doing an damage to the receiver?
>
> Thanks,
> Dan
>

2754. 535 front panel board

Yahoo group: nrd-525-535
Date: 2013-04-10 01:31:52 UTC
From: stuart
Topic: 2754 Message: 2754

hi All im looking for a front panel board for my 535 as mine is no good .so if any one can let me know if the have a spare or know of one for sale please email me thanks . Stuart..

2755. Parts source?

Yahoo group: nrd-525-535
Date: 2013-04-10 19:44:09 UTC
From: sonnydlit1967
Topic: 2755 Message: 2755

Hello,

I do know this is a forum for the NRD-525 and 535 but I have had no luck anywhere else. Does anyone know where one can find parts for a JRC JST-135HP. I have obtained one and the display panel is bad and may need other parts but I have been unable to find any parts at all for this unit so far. Any assistance would be greatly appreciated.

Thank you,
Sonny N
KF5UKR

2756. 525 Dimmer default

Yahoo group: nrd-525-535
Date: 2013-05-09 16:52:26 UTC
From: toptyp19
Topic: 2756 Message: 2756

Hello to the group!

I've looked in the user's manual and also through the posted message archives without any luck. My question is:

Does the display brightness always default to maximum when the receiver is first switched on?

I hadn't used my 525 in a long time and I didn't remember that this was the case. I thought the display came on wherever it was shut off, even dark.

Thanks in advance for any info from you guys.

73, Joe-WA9LAE

2757. Re: 525 Dimmer default

Yahoo group: nrd-525-535
Date: 2013-05-12 02:20:24 UTC
From: dave
Topic: 2756 Message: 2757

That's the way mine works.

--- In nrd-525-535@yahoogroups.com, "toptyp19" <toptyp19@...> wrote:
>
>
> Hello to the group!
>
> I've looked in the user's manual and also through the posted
> message archives without any luck. My question is:
>
> Does the display brightness always default to maximum when the
> receiver is first switched on?
>
> I hadn't used my 525 in a long time and I didn't remember that
> this was the case. I thought the display came on wherever it
> was shut off, even dark.
>
> Thanks in advance for any info from you guys.
>
> 73, Joe-WA9LAE
>

2758. Re: 525 Dimmer default

Yahoo group: nrd-525-535
Date: 2013-05-12 12:58:58 UTC
From: toptyp19
Topic: 2756 Message: 2758

Thanks Dave-

I thought it was normal but it's nice to have reassurance.

73, Joe.

--- In nrd-525-535@yahoogroups.com, "dave" <e_trician@...> wrote:
>
> That's the way mine works.

>
> --- In nrd-525-535@...m, "toptyp19" <toptyp19@> wrote:
> >
> >
> > Hello to the group!
> >
> > I've looked in the user's manual and also through the posted
> > message archives without any luck. My question is:
> >
> > Does the display brightness always default to maximum when the
> > receiver is first switched on?
> >
> > I hadn't used my 525 in a long time and I didn't remember that
> > this was the case. I thought the display came on wherever it
> > was shut off, even dark.
> >
> > Thanks in advance for any info from you guys.
> >
> > 73, Joe-WA9LAE
> >
>

2759. (no subject)

Yahoo group: nrd-525-535
Date: 2013-05-19 11:33:38 UTC
From: Ted Cowart
Topic: 2759 Message: 2759

[Body unavailable in the source archive]

2760. I 'm searching

Yahoo group: nrd-525-535
Date: 2013-05-24 18:30:10 UTC
From: joseph
Topic: 2760 Message: 2760

I'm searching the integrated circuit LR3671D used on the NRD525
I you have, can you send me your quotation with shipping in Belgium

Jo

2761. RE: [nrd-525-535] I 'm searching

Yahoo group: nrd-525-535
Date: 2013-05-25 13:14:56 UTC
From: ka4prf
Topic: 2760 Message: 2761

I need more details. I have a number of circuit boards for the 525.

ka4prf@peoplepc.com

Chuck

Sent via the Samsung Galaxy S™ III, an AT&T 4G LTE smartphone

-------- Original message --------
From: joseph <joseph.bozzer@skynet.be>
Date:
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] I 'm searching

I'm searching the integrated circuit LR3671D used on the NRD525
I you have, can you send me your quotation with shipping in Belgium

Jo

2762. Re: [nrd-525-535] I 'm searching

Yahoo group: nrd-525-535
Date: 2013-05-25 13:33:19 UTC
From: joseph
Topic: 2760 Message: 2762

Hello

Tis iC LR3671D is present on the display board CDE-418 of the NRD525

Best regards
Joseph

Le 25 mai 2013 à 15:14, ka4prf a écrit :

I need more details. I have a number of circuit boards for the 525.

ka4prf@peoplepc.com

Chuck

Sent via the Samsung Galaxy S™ III, an AT&T 4G LTE smartphone

-------- Original message --------
From: joseph <joseph.bozzer@...>
Date:
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] I 'm searching

I'm searching the integrated circuit LR3671D used on the NRD525
I you have, can you send me your quotation with shipping in Belgium

Jo

2763. Tuning Knob

Yahoo group: nrd-525-535
Date: 2013-05-27 03:17:45 UTC
From: SMS_1947
Topic: 2763 Message: 2763

Hi All,

I'm looking for the rubber grip for the JRC NRD535D tuning knob.
Any ideas where a grip could be found or a suitable replacement?

TIA,
Margetts

2764. Re: Tuning Knob

Yahoo group: nrd-525-535
Date: 2013-05-28 05:19:53 UTC
From: Raymond Boute
Topic: 2763 Message: 2764

If appearance is important, finding a similar grip may be
difficult. If only functionality matters, a ring cut to width from a
bike or mountainbike tire might do.
Regards,
Raymond ON4DBV

2765. Re: Tuning Knob

Yahoo group: nrd-525-535
Date: 2013-05-29 10:56:26 UTC
From: g3vvt@...
Topic: 2763 Message: 2765

Not sure if it will work or spares are available, the tuning knob on the Kenwood TS-870S seems to follow a similar format and believe size may be similar.

Regards,
Bob, G3VVT

2766. Re: [nrd-525-535] Tuning Knob

Yahoo group: nrd-525-535
Date: 2013-05-29 11:28:04 UTC
From: joseph
Topic: 2763 Message: 2766

http://www.befr.ebay.be/itm/JRC-NRD-525-knobs-and-pushbuttons-/370779602062?pt=UK_Mobile_Phones_Communication_Ham_Radio_Receivers_Transceivers&hash=item56542fbc8e

Ask to buyer if he has the tunning button!!

73
Joseph

Le 29 mai 2013 à 12:56, g3vvt@... a écrit :

Not sure if it will work or spares are available, the tuning knob on the Kenwood TS-870S seems to follow a similar format and believe size may be similar.

Regards,
Bob, G3VVT

2767. Re: Tuning Knob

Yahoo group: nrd-525-535
Date: 2013-05-30 12:27:11 UTC
From: g3vvt@...
Topic: 2763 Message: 2767

The NRD-525 and the NRD-535 tuning knobs are interchangeable, though the NRD-525 type being a solid grip is nowhere near as pleasant to use as the later NRD-535 type with a rubber cushioned grip.

However, inevitably the rubber grip will eventually perish and fall to pieces. If spares stocks are no longer available this could become a minor maintenance problem. The idea of using a section of bicycle inner tube as a replacement as has been suggested now and in the past may be the only way out of the problem, though at least it is solvable. Of greater concern in the long term must be particularly the failure of the fluorescent display module, the Kokusai 455kHz mechanical IF filter or some of the specialized ICs used in the radio.

These may not be as easy to resolve!

Problems like this are starting to appear with increasing frequency in earlier electronic equipment of many types and can sometimes take some considerable ingenuity to provide a work around the problem of obsolete spare parts.

Regards,
Bob, G3VVT

2768. Receivers JRC to sale

Yahoo group: nrd-525-535
Date: 2013-05-30 14:48:32 UTC
From: joseph
Topic: 2763 Message: 2768

Legendaries marine receivers

http://users.skynet.be/bk290077/JRC/home.html

Joseph

2769. Re: [nrd-525-535] Receivers JRC to sale

Yahoo group: nrd-525-535
Date: 2013-05-31 00:01:24 UTC
From: john
Topic: 2763 Message: 2769

But nothing for sale!

At 10:48 AM 5/30/2013, you wrote:

>Legendaries marine receivers
>
>http://users.skynet.be/bk290077/JRC/home.html
>
>
>Joseph
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

2770. Re: Receivers JRC to sale

Yahoo group: nrd-525-535
Date: 2013-05-31 00:14:19 UTC
From: toptyp19
Topic: 2763 Message: 2770

Look again John. Left side.

--- In nrd-525-535@yahoogroups.com, john <johnmb@...> wrote:
>
>
> But nothing for sale!
>
>
> At 10:48 AM 5/30/2013, you wrote:
>
>
> >Legendaries marine receivers
> >
> >http://users.skynet.be/bk290077/JRC/home.html
> >
> >
> >Joseph
> >
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> >----------
> >
> >Yahoo! Groups Links
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> >
> >
>

2771. Re: [nrd-525-535] Re: Receivers JRC to sale

Yahoo group: nrd-525-535
Date: 2013-05-31 00:40:22 UTC
From: Edward
Topic: 2763 Message: 2771

Yes. 93s. For about 2k. Nice one one Ebay now for 1400 BiN.

Sent from my iPhone

On May 31, 2013, at 3:14, "toptyp19" <toptyp19@...> wrote:

>
>
>
> Look again John. Left side.
>
>
>
>
> --- In nrd-525-535@yahoogroups.com, john <johnmb@...> wrote:
>>
>>
>> But nothing for sale!
>>
>>
>> At 10:48 AM 5/30/2013, you wrote:
>>
>>
>>> Legendaries marine receivers
>>>
>>> http://users.skynet.be/bk290077/JRC/home.html
>>>
>>>
>>> Joseph
>>>
>>>
>>> ------------------------------------
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>>> Yahoo! Groups Links
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> ------------------------------------
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> Yahoo! Groups Links
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>

2772. Re: [nrd-525-535] Re: Receivers JRC to sale

Yahoo group: nrd-525-535
Date: 2013-05-31 01:00:13 UTC
From: john
Topic: 2763 Message: 2772

Thanks...what a nice cache of very nice receivers!

73
John K5MO

2773. Re: [nrd-525-535] Re: Receivers JRC to sale

Yahoo group: nrd-525-535
Date: 2013-05-31 07:57:22 UTC
From: joseph
Topic: 2763 Message: 2773

Hi Edouard

The items that you find on Ebay from China have problems .. buttons missings,dials not works, important scrashes and so on

Exemples :
NRD91
http://www.befr.ebay.be/itm/JRC-NRD-91-Japan-Radio-Company-NRD91-Receiver-/181111970644?pt=US_Ham_Radio_Receivers&hash=item2a2b1d5b54
in the latter lacks the "lock" button and "6Khz" button .... it may have other problems ... also look at how dirty it is! ... the seller is cautious and says "sold as it is-not tested"
It sold 613+107 = 720 euros!
Mine are 100% complete, functional and very clean and I sell it delivered to states 500 +100 = 600 euros

NRD92
http://www.befr.ebay.be/itm/JRC-NRD-92-Japan-Radio-Company-NRD92-Receiver-/181111971711?pt=US_Ham_Radio_Receivers&hash=item2a2b1d5f7f
Same thing ... look at the front pane on the left is distorted .... the "up" button is blocked by a sticker
It sold 690+107 = 797 euros "as it is - not tested"
Mine are 100% complete, functional and very clean and I sell it 1100 +100 = 1200 euros

NRD93
Not proposed on Ebay

CABINET MPBX
Not proposed on Ebay

So I think my prices are really not exaggerated given the rarity of these receptors and especially the state in which I sell you

Joseph

Le 31 mai 2013 à 02:40, Edward a écrit :

Yes. 93s. For about 2k. Nice one one Ebay now for 1400 BiN.

Sent from my iPhone

On May 31, 2013, at 3:14, "toptyp19" <toptyp19@...> wrote:

>
>
>
> Look again John. Left side.
>

>
>
>
> --- In nrd-525-535@yahoogroups.com, john <johnmb@...> wrote:
>>
>>
>> But nothing for sale!
>>
>>
>> At 10:48 AM 5/30/2013, you wrote:
>>
>>
>>> Legendaries marine receivers
>>>
>>> http://users.skynet.be/bk290077/JRC/home.html
>>>
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>>> Joseph
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>>> ------------------------------------
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>>> Yahoo! Groups Links
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> Yahoo! Groups Links
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2774. Re: [nrd-525-535] Re: Receivers JRC to sale

Yahoo group: nrd-525-535
Date: 2013-05-31 12:14:03 UTC
From: Edward
Topic: 2763 Message: 2774

There is an NRD 93 with scanning unit on Ebay. Great deal and the seller has good feedback. Check out item #

271170842186

Sent from my iPhone

On May 31, 2013, at 10:57, joseph <joseph.bozzer@...> wrote:

> Hi Edouard
>
> The items that you find on Ebay from China have problems .. buttons missings,dials not works, important scrashes and so on
>
> Exemples :
> NRD91
> http://www.befr.ebay.be/itm/JRC-NRD-91-Japan-Radio-Company-NRD91-Receiver-/181111970644?pt=US_Ham_Radio_Receivers&hash=item2a2b1d5b54
> in the latter lacks the "lock" button and "6Khz" button .... it may have other problems ... also look at how dirty it is! ... the seller is cautious and says "sold as it is-not tested"
> It sold 613+107 = 720 euros!
> Mine are 100% complete, functional and very clean and I sell it delivered to states 500 +100 = 600 euros
>
> NRD92
> http://www.befr.ebay.be/itm/JRC-NRD-92-Japan-Radio-Company-NRD92-Receiver-/181111971711?pt=US_Ham_Radio_Receivers&hash=item2a2b1d5f7f
> Same thing ... look at the front pane on the left is distorted .... the "up" button is blocked by a sticker
> It sold 690+107 = 797 euros "as it is - not tested"
> Mine are 100% complete, functional and very clean and I sell it 1100 +100 = 1200 euros
>
> NRD93
> Not proposed on Ebay
>
> CABINET MPBX
> Not proposed on Ebay
>
>
> So I think my prices are really not exaggerated given the rarity of these receptors and especially the state in which I sell you
>
>
> Joseph
>

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>
> Le 31 mai 2013 à 02:40, Edward a écrit :
>
> Yes. 93s. For about 2k. Nice one one Ebay now for 1400 BiN.
>
> Sent from my iPhone
>
> On May 31, 2013, at 3:14, "toptyp19" <toptyp19@...m> wrote:
>
>>
>>
>>
>> Look again John. Left side.
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>>
>> --- In nrd-525-535@yahoogroups.com, john <johnmb@...> wrote:
>>>
>>>
>>> But nothing for sale!
>>>
>>>
>>> At 10:48 AM 5/30/2013, you wrote:
>>>
>>>
>>>> Legendaries marine receivers
>>>>
>>>> http://users.skynet.be/bk290077/JRC/home.html
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>>>> Joseph
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>>>> Yahoo! Groups Links
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> Yahoo! Groups Links
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2775. Re: [nrd-525-535] Receivers JRC to sale

Yahoo group: nrd-525-535
Date: 2013-05-31 14:16:30 UTC
From: joseph
Topic: 2763 Message: 2775
Attachments: 1 described; binary payloads are missing from this source WARC

Strange I can't access at this item from Belgium

I receive this message

Le 31 mai 2013 à 14:14, Edward a écrit :

There is an NRD 93 with scanning unit on Ebay. Great deal and the seller has good feedback. Check out item #

271170842186

Sent from my iPhone

On May 31, 2013, at 10:57, joseph <joseph.bozzer@...> wrote:

> Hi Edouard
>
> The items that you find on Ebay from China have problems .. buttons missings,dials not works, important scrashes and so on
>
> Exemples :
> NRD91
> http://www.befr.ebay.be/itm/JRC-NRD-91-Japan-Radio-Company-NRD91-Receiver-/181111970644?pt=US_Ham_Radio_Receivers&hash=item2a2b1d5b54
> in the latter lacks the "lock" button and "6Khz" button .... it may have other problems ... also look at how dirty it is! ... the seller is cautious and says "sold as it is-not tested"
> It sold 613+107 = 720 euros!
> Mine are 100% complete, functional and very clean and I sell it delivered to states 500 +100 = 600 euros
>
> NRD92
> http://www.befr.ebay.be/itm/JRC-NRD-92-Japan-Radio-Company-NRD92-Receiver-/181111971711?pt=US_Ham_Radio_Receivers&hash=item2a2b1d5f7f
> Same thing ... look at the front pane on the left is distorted .... the "up" button is blocked by a sticker
> It sold 690+107 = 797 euros "as it is - not tested"
> Mine are 100% complete, functional and very clean and I sell it 1100 +100 = 1200 euros
>
> NRD93
> Not proposed on Ebay
>
> CABINET MPBX
> Not proposed on Ebay
>
>

> So I think my prices are really not exaggerated given the rarity of these receptors and especially the state in which I sell you
>
>
> Joseph
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> Le 31 mai 2013 à 02:40, Edward a écrit :
>
> Yes. 93s. For about 2k. Nice one one Ebay now for 1400 BiN.
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>
> On May 31, 2013, at 3:14, "toptyp19" <toptyp19@...> wrote:
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>> Look again John. Left side.
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>>
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>> --- In nrd-525-535@yahoogroups.com, john <johnmb@...> wrote:
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>>> But nothing for sale!
>>>
>>>
>>> At 10:48 AM 5/30/2013, you wrote:
>>>
>>>
>>>> Legendaries marine receivers
>>>>
>>>> http://users.skynet.be/bk290077/JRC/home.html
>>>>
>>>>
>>>> Joseph
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>>>> Yahoo! Groups Links
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2776. Motorboating

Yahoo group: nrd-525-535
Date: 2013-06-12 09:59:08 UTC
From: m0dvo
Topic: 2776 Message: 2776

I switched my 535 on this morning to be greeted with a constant noise from the speaker, independent of all controls including the AF gain.

It sounds like "motorboating" (which I've not encountered since my "valve/tube" days when electrolytics went bad), so I suspect instability somewhere in the audio output stage.

The radio has the full range of Lowe mods, and I know that the audio output was one of their targets.

Before I dive in, has anyone here experienced a similar problem and, if so, are there any pointers to guide me ?

Mike M0DVO

2777. Re: [nrd-525-535] Motorboating

Yahoo group: nrd-525-535
Date: 2013-06-12 11:19:07 UTC
From: poldhu1901@...
Topic: 2776 Message: 2777

Hi Mike

I've not experienced this problem, but if you haven't already found them I posted the details of the Lowe Mods to the group files section a few years ago.

It's a very scrappy set of instructions, but it's what Lowe supplied in the early 90s when I bought the parts to do the mods myself and they assured me that's all the documentation there was.

I didn't implement the audio mod at the time as I wasn't happy about using a glue gun to attach the extra PSU components to the underside of the motherboard and planned to revise that part of it, but the audio seemed ok anyway and I never did get round to it.

I can't say of course whether or not the audio and/or PSU mods have any bearing on your problem but at least the notes should help identify and check them out.

I also uploaded my scans of the 535 service manual to Rapidshare at the end of last year, there's two versions, one with A4 schematics etc and one with them enlarged to A3, and the diagrams are a bit clearer than what was previously available.
Again, you may already have found them but it probably doesn't hurt to refresh the information:-)...

http://rapidshare.com/files/3851704016/NRD535_Service_A4.pdf

http://rapidshare.com/files/468321193/NRD535_Service_A3.pdf

They're quite big files, 56 and 86 MB respectively, but at least there's no time penalties or access restrictions on Rapidshare these days.

Regards

Nigel
GM8PZR

In a message dated 12/06/2013 10:59:12 GMT Daylight Time,
mike.maguire@... writes:

I switched my 535 on this morning to be greeted with a constant noise from the speaker, independent of all controls including the AF gain.

It sounds like "motorboating" (which I've not encountered since my "valve/tube" days when electrolytics went bad), so I suspect instability somewhere in the audio output stage.

The radio has the full range of Lowe mods, and I know that the audio output was one of their targets.

Before I dive in, has anyone here experienced a similar problem and, if so, are there any pointers to guide me ?

Mike M0DVO

2778. Re: Motorboating

Yahoo group: nrd-525-535
Date: 2013-06-13 14:45:15 UTC
From: m0dvo
Topic: 2776 Message: 2778

Thanks for the reply Nigel.

The first thing I did was to search previous postings, and found your upload of the Lowe "documents" (!). Time will tell if they help once I get inside, but belated thanks for the resource.

Thanks also for the pointers to the "rapidshare" links - I hadn't found those previously and will bookmark them asap.

Don't know when I'll find the time presently to investigate this properly as 'er indoors wants me outdoors gardening. Maybe one for the winter evenings, which could be quite soon ;-).

Anyhoo, your response is much appreciated.

Best,

Mike M0DVO

--- In nrd-525-535@yahoogroups.com, poldhu1901@... wrote:
>
> Hi Mike
>
> I've not experienced this problem, but if you haven't already found them I
> posted the details of the Lowe Mods to the group files section a few years
> ago.
>
> It's a very scrappy set of instructions, but it's what Lowe supplied in
> the early 90s when I bought the parts to do the mods myself and they assured
> me that's all the documentation there was.
>
> I didn't implement the audio mod at the time as I wasn't happy about using
> a glue gun to attach the extra PSU components to the underside of the
> motherboard and planned to revise that part of it, but the audio seemed ok
> anyway and I never did get round to it.
>
> I can't say of course whether or not the audio and/or PSU mods have any
> bearing on your problem but at least the notes should help identify and check
> them out.
>
> I also uploaded my scans of the 535 service manual to Rapidshare at the end
> of last year, there's two versions, one with A4 schematics etc and one
> with them enlarged to A3, and the diagrams are a bit clearer than what was
> previously available.
> Again, you may already have found them but it probably doesn't hurt to
> refresh the information:-)...
>

> http://rapidshare.com/files/3851704016/NRD535_Service_A4.pdf
>
> http://rapidshare.com/files/468321193/NRD535_Service_A3.pdf
>
> They're quite big files, 56 and 86 MB respectively, but at least there's no
> time penalties or access restrictions on Rapidshare these days.
>
> Regards
>
> Nigel
> GM8PZR
>
>
>
>
> In a message dated 12/06/2013 10:59:12 GMT Daylight Time,
> mike.maguire@... writes:
>
>
>
>
>
> I switched my 535 on this morning to be greeted with a constant noise from
> the speaker, independent of all controls including the AF gain.
>
> It sounds like "motorboating" (which I've not encountered since my
> "valve/tube" days when electrolytics went bad), so I suspect instability somewhere
> in the audio output stage.
>
> The radio has the full range of Lowe mods, and I know that the audio
> output was one of their targets.
>
> Before I dive in, has anyone here experienced a similar problem and, if
> so, are there any pointers to guide me ?
>
> Mike M0DVO
>

2779. All for receivers NRD91-NRD92-NRD93

Yahoo group: nrd-525-535
Date: 2013-07-31 17:38:14 UTC
From: jo 6466
Topic: 1869 Message: 2779

http://users.skynet.be/bk290077/JRC/home.html

2780. No audio from my 535

Yahoo group: nrd-525-535
Date: 2013-08-06 00:52:41 UTC
From: adamwaronson
Topic: 2780 Message: 2780

Hi all,

Fired up my 535 for the first time in a while and I get no audio output from the headphones or my NVA-319. I've reseated the boards - no luck.

Called Universal today and they claim not to no longer repair JRC product. Instead they pointed me to someone in NY - a 718 number - can't recall the company name.

So... anyone know of someone who can repair my beloved 535?

Thanks,
Adam

2781. Re: [nrd-525-535] No audio from my 535

Yahoo group: nrd-525-535
Date: 2013-08-06 01:34:29 UTC
From: Brian Denley
Topic: 2780 Message: 2781

Adam:
Assume you have checked RF gain and Squelch positions? Any menu/function changes you have made recently? Are you using remote speaker? Anything plugged into speaker jack?

Sorry to ask obvious question but trying to help...

Brian KB1VBF

Sent from my iPad

On Aug 5, 2013, at 8:52 PM, "adamwaronson" <adam@...> wrote:

> Hi all,
>
> Fired up my 535 for the first time in a while and I get no audio output from the headphones or my NVA-319. I've reseated the boards - no luck.
>
> Called Universal today and they claim not to no longer repair JRC product. Instead they pointed me to someone in NY - a 718 number - can't recall the company name.
>
> So... anyone know of someone who can repair my beloved 535?
>
> Thanks,
> Adam
>
>

2782. Re: No audio from my 535

Yahoo group: nrd-525-535
Date: 2013-08-06 22:24:10 UTC
From: swradioman
Topic: 2780 Message: 2782

Brian,
Try Bob Sherwood at Sherwood Engineering. Sherwood Engineering was a dealer of JRC products and have connections with JRC in getting spares and in making repairs. I have sent them a couple of pieces of equipment.

Randy

--- In nrd-525-535@yahoogroups.com, "adamwaronson" <adam@...> wrote:
>
> Hi all,
>
> Fired up my 535 for the first time in a while and I get no audio output from the headphones or my NVA-319. I've reseated the boards - no luck.
>
> Called Universal today and they claim not to no longer repair JRC product. Instead they pointed me to someone in NY - a 718 number - can't recall the company name.
>
> So... anyone know of someone who can repair my beloved 535?
>
> Thanks,
> Adam
>

2783. NRD-525 Plug-ins

Yahoo group: nrd-525-535
Date: 2013-08-08 16:42:33 UTC
From: Jon & Jan
Topic: 2783 Message: 2783

The CMH-530 (RTTY) & CMK-165 (VHF) cards; I will buy either or both. Been looking for these elusive PCBs for a long time.

Fire back to Jon, KØFOP springerTool@...

2784. NRD-535 D CFL-243W Tone Audio

Yahoo group: nrd-525-535
Date: 2013-08-17 13:22:17 UTC
From: rex
Topic: 2784 Message: 2784

Hi

Any body can tell me why

When I turn to BWC Control up to mid the position
a low audio tone come out , (USB Mode)

But in LSB Mode is ok , without tone audio

vr2kj
Rex Yeung

2785. Re: [nrd-525-535] NRD-535 D CFL-243W Tone Audio

Yahoo group: nrd-525-535
Date: 2013-08-18 03:18:18 UTC
From: Brian Denley
Topic: 2784 Message: 2785

What filter do you have selected?

Brian KB1VBF

Sent from my iPad

On Aug 17, 2013, at 9:22 AM, "rex" <vr2kj@...> wrote:

> Hi
>
> Any body can tell me why
>
> When I turn to BWC Control up to mid the position
> a low audio tone come out , (USB Mode)
>
> But in LSB Mode is ok , without tone audio
>
> vr2kj
> Rex Yeung
>
>

2786. Re: No audio from my 535

Yahoo group: nrd-525-535
Date: 2013-08-19 03:23:52 UTC
From: adamwaronson
Topic: 2780 Message: 2786

Thanks, Randy! I called and spoke to Bob. Very nice fellow... He's expecting my rig in the mail.

Adam

--- In nrd-525-535@yahoogroups.com, "swradioman" <swradioman@...> wrote:
>
>
> Brian,
> Try Bob Sherwood at Sherwood Engineering. Sherwood Engineering was a dealer of JRC products and have connections with JRC in getting spares and in making repairs. I have sent them a couple of pieces of equipment.
>
> Randy
>
>
> --- In nrd-525-535@yahoogroups.com, "adamwaronson" <adam@> wrote:
> >
> > Hi all,
> >
> > Fired up my 535 for the first time in a while and I get no audio output from the headphones or my NVA-319. I've reseated the boards - no luck.
> >
> > Called Universal today and they claim not to no longer repair JRC product. Instead they pointed me to someone in NY - a 718 number - can't recall the company name.
> >
> > So... anyone know of someone who can repair my beloved 535?
> >
> > Thanks,
> > Adam
> >
>

2787. Re: NRD-535 D CFL-243W Tone Audio

Yahoo group: nrd-525-535
Date: 2013-08-19 10:28:02 UTC
From: rex
Topic: 2784 Message: 2787

Brian,

I select Normal (inter) filter for SSB Reception

Rex Yeung

--- In nrd-525-535@yahoogroups.com, Brian Denley <b.denley@...> wrote:
>
> What filter do you have selected?
>
> Brian KB1VBF
>
> Sent from my iPad
>
> On Aug 17, 2013, at 9:22 AM, "rex" <vr2kj@...> wrote:
>
> > Hi
> >
> > Any body can tell me why
> >
> > When I turn to BWC Control up to mid the position
> > a low audio tone come out , (USB Mode)
> >
> > But in LSB Mode is ok , without tone audio
> >
> > vr2kj
> > Rex Yeung
> >
> >
>

2788. Re: Motorboating

Yahoo group: nrd-525-535
Date: 2013-08-19 11:14:47 UTC
From: m0dvo
Topic: 2776 Message: 2788

Nigel, All,

I finally got around to investgating the problem.

I got it onto my workbench, covers off and a temporary loudspeaker hooked up. Switched on, and the "fault" had cleared. The radio was singing as sweetly as ever.

I checked around the Lowe mods for dry joints and the like, but everything seemed to be in order.

Closed up, put it back in the den and presto, the fault was back.

A bit of fiddling in-situ showed it to be something in the extension speaker socket which must be a bit hitty-missy (I have the NVA-319)as a couple of removals and insertions cleared it permanently.

Isn't life strange !

Mike

--- In nrd-525-535@yahoogroups.com, "m0dvo" <mike.maguire@...> wrote:
>
> Thanks for the reply Nigel.
>
> The first thing I did was to search previous postings, and found your upload of the Lowe "documents" (!). Time will tell if they help once I get inside, but belated thanks for the resource.
>
> Thanks also for the pointers to the "rapidshare" links - I hadn't found those previously and will bookmark them asap.
>
> Don't know when I'll find the time presently to investigate this properly as 'er indoors wants me outdoors gardening. Maybe one for the winter evenings, which could be quite soon ;-).
>
> Anyhoo, your response is much appreciated.
>
> Best,
>
> Mike M0DVO

2789. Re: [nrd-525-535] Re: Motorboating

Yahoo group: nrd-525-535
Date: 2013-08-19 13:18:40 UTC
From: poldhu1901@...
Topic: 2776 Message: 2789

Well done sir.

Life is often very strange indeed.......

but it's good to hear of it being strange in a nice way for a change:-)

Nigel
GM8PZR

In a message dated 19/08/2013 12:15:48 GMT Daylight Time,
mike.maguire@... writes:

Nigel, All,

I finally got around to investgating the problem.

I got it onto my workbench, covers off and a temporary loudspeaker hooked up. Switched on, and the "fault" had cleared. The radio was singing as sweetly as ever.

I checked around the Lowe mods for dry joints and the like, but everything seemed to be in order.

Closed up, put it back in the den and presto, the fault was back.

A bit of fiddling in-situ showed it to be something in the extension speaker socket which must be a bit hitty-missy (I have the NVA-319)as a couple of removals and insertions cleared it permanently.

Isn't life strange !

Mike

--- In _nrd-525-535@yahoogroups.com_ (mailto:nrd-525-535@yahoogroups.com) , "m0dvo" <mike.maguire@...> wrote:
>
> Thanks for the reply Nigel.
>
> The first thing I did was to search previous postings, and found your upload of the Lowe "documents" (!). Time will tell if they help once I get inside, but belated thanks for the resource.
>
> Thanks also for the pointers to the "rapidshare" links - I hadn't found those previously and will bookmark them asap.
>
> Don't know when I'll find the time presently to investigate this properly as 'er indoors wants me outdoors gardening. Maybe one for the winter evenings, which could be quite soon ;-).

>
> Anyhoo, your response is much appreciated.
>
> Best,
>
> Mike M0DVO

2790. Repairing a NRD-535D

Yahoo group: nrd-525-535
Date: 2013-08-29 05:50:18 UTC
From: John
Topic: 2790 Message: 2790

Hi All

Just though I would let you know of a 535 I did a repair to recently.

When it arrived it would not power up and was for all purposes was dead.

I have a few advantages, I have a full set of spares and board extenders which can come in handy but were not needed this time.

The some of the power supply started up but other voltage would not start up.
The front power switch is not a power switch at all, it just controls the logic electronics that control the power supply, in could be called a soft start.

Anyway since I had the 535 in for service I thought I may as well check it out, I swapped out all the socketed boards into my 535 and they all went well.
With difficulty I was able to test the mother board and power supply, they worked great.
So what is left?
The front panel is the main controlling processor of all functions, if it is faulty the rest does not work.
I use to do component level repair of computers in the 1980, so the diagnostic procedures I learned so long ago came into play. Within 15 minutes I had it, nothing beats a BANG stick for finding a stuck try state interface.
Using an oscilloscope Pin 32 on the M80C85A-2 showed no high activity , but there was low to medium activity (remember it is a tristate buffer interface, so it is a bit weird), I used my band stick and clocked the output from pin 31 (another tristate interface) just to see if something would happen. The 535 powered up, it did not work properly by it powered up, I found the logic that controlled the power up sequence, it was nice to find it as I have never known exactly how it was done.
The next trick is finding a working M80C85A CPU. A USA supplier had a second hand one for $5 and $8 postage.
Once the CPU was installed up can the display with all the same setting I had while testing it.
It was nice to see the 535 working again.
Tested all its functions and packed it up and sent it back to its owner in Queensland, Australia.

Please note, this was a simple repair, you need a proper ESD (ElectroStatic discharge) rated vacuum desoldering station and a proper ESD rated soldering iron or you will mess up the very fine printed circuit tracks, which I have seen on too many occasions.
Regards John
VK2XCQ

2791. NRD-535D BWC / filter issue

Yahoo group: nrd-525-535
Date: 2013-08-31 03:30:58 UTC
From: n9lfn
Topic: 2791 Message: 2791

Looking for some assistance on a NRD-535D that I recently acquired? Im not sure what I got my hands on but it appears to be a little of a frankenstein radio as you will see. Here are the particulars of the radio:

Model: 535D
Serial: BR-53377
eprom revision is "H"

Now taking in to account the serial number and the eprom revision, this was obviously one of the earlier radios that was upgraded, but, the BWC board inside is a CFL-243. It is not marked as a CFL-243W. The crystal filter on the BWC board is marked as a YF400EB, so I am not sure if it is the original 6xmjd00132A or the upgraded 6xmjd00114. Also, the wide filter on the IF Filter board is still a CFL-D8, not the CFL-D6S it should be. So it appears someone may have changed out some boards in this radio at some point. Now while the intermediate filter is selected, the BWC does not work. It actually seems to attenuate and distort the signal when turned clockwise. When the BWC is turned off the intermediate filter works fine. I can also switch over to the wide filter and the BWC seems to function in SSB and AM modes. It is stated in my owners manual that the CFL-243 BWC board will not work in my radio has it must be the CFL-243W version.

I deeply appreciate any input or guidance you can offer.

Mike

2792. Re: NRD-535D BWC / filter issue

Yahoo group: nrd-525-535
Date: 2013-08-31 13:30:13 UTC
From: rhblumeng
Topic: 2791 Message: 2792

Mike -

You might try emailing Rob Sherwood at Sherwood Engineering. He was a JRC dealer for a long time and he also makes accessories and repaired JRC radios.

Hope this helps get you a direction, Bob

--- In nrd-525-535@yahoogroups.com, "n9lfn" <chalk32actual@...> wrote:
>
> Looking for some assistance on a NRD-535D that I recently acquired? Im not sure what I got my hands on but it appears to be a little of a frankenstein radio as you will see. Here are the particulars of the radio:
>
> Model: 535D
> Serial: BR-53377
> eprom revision is "H"
>
> Now taking in to account the serial number and the eprom revision, this was obviously one of the earlier radios that was upgraded, but, the BWC board inside is a CFL-243. It is not marked as a CFL-243W. The crystal filter on the BWC board is marked as a YF400EB, so I am not sure if it is the original 6xmjd00132A or the upgraded 6xmjd00114. Also, the wide filter on the IF Filter board is still a CFL-D8, not the CFL-D6S it should be. So it appears someone may have changed out some boards in this radio at some point. Now while the intermediate filter is selected, the BWC does not work. It actually seems to attenuate and distort the signal when turned clockwise. When the BWC is turned off the intermediate filter works fine. I can also switch over to the wide filter and the BWC seems to function in SSB and AM modes. It is stated in my owners manual that the CFL-243 BWC board will not work in my radio has it must be the CFL-243W version.
>
> I deeply appreciate any input or guidance you can offer.
>
> Mike
>

2793. Re: NRD-535D BWC / filter issue

Yahoo group: nrd-525-535
Date: 2013-09-01 18:07:13 UTC
From: n9lfn
Topic: 2791 Message: 2793

Thank you! I took your advice. Hopefully he can assist and I can maybe send the radio to him to go through it for me.

Mike

--- In nrd-525-535@yahoogroups.com, "rhblumeng" <blum.robert1@...> wrote:
>
> Mike -
>
> You might try emailing Rob Sherwood at Sherwood Engineering. He was a JRC dealer for a long time and he also makes accessories and repaired JRC radios.
>
> Hope this helps get you a direction, Bob
>
>
>
> --- In nrd-525-535@yahoogroups.com, "n9lfn" <chalk32actual@> wrote:
> >
> > Looking for some assistance on a NRD-535D that I recently acquired? Im not sure what I got my hands on but it appears to be a little of a frankenstein radio as you will see. Here are the particulars of the radio:
> >
> > Model: 535D
> > Serial: BR-53377
> > eprom revision is "H"
> >
> > Now taking in to account the serial number and the eprom revision, this was obviously one of the earlier radios that was upgraded, but, the BWC board inside is a CFL-243. It is not marked as a CFL-243W. The crystal filter on the BWC board is marked as a YF400EB, so I am not sure if it is the original 6xmjd00132A or the upgraded 6xmjd00114. Also, the wide filter on the IF Filter board is still a CFL-D8, not the CFL-D6S it should be. So it appears someone may have changed out some boards in this radio at some point. Now while the intermediate filter is selected, the BWC does not work. It actually seems to attenuate and distort the signal when turned clockwise. When the BWC is turned off the intermediate filter works fine. I can also switch over to the wide filter and the BWC seems to function in SSB and AM modes. It is stated in my owners manual that the CFL-243 BWC board will not work in my radio has it must be the CFL-243W version.
> >
> > I deeply appreciate any input or guidance you can offer.
> >
> > Mike
> >
>

2794. In need of a CLF-D6S filter

Yahoo group: nrd-525-535
Date: 2013-09-05 13:33:03 UTC
From: n9lfn
Topic: 2794 Message: 2794

Anyone have a CLF-D6S filter they would like to part with please contact me.

Thank you,

Mike

2795. Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-05 13:43:16 UTC
From: n9lfn
Topic: 2795 Message: 2795

I need some assistance identifying the proper crystal filter that either came in the BWC upgrade kit for the NRD-535D or the units that came from the factory with the CFL-243 "W" board installed beginning with serial numbers 56005. My unit currently has a YF400EB installed on my CFL-243 board. I appreciate any help i can get on this issue.

Mike

2796. Re: [nrd-525-535] Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-05 14:23:50 UTC
From: Barry Williams
Topic: 2795 Message: 2796

Rob Sherwood installs a 400 Hz filter originally designed for the TS-930 Kenwood. I think he gets them from IRC. It seems that YF was a Kenwood filter prefix. I would bet that it is a 400 Hz CW filter and has higher performance than the JRC part. You might call him. Sherwood Engineering, seems like his website is sherweng.com.

73,
Barry
KD5VC
On Sep 5, 2013 6:43 AM, "n9lfn" <chalk32actual@...> wrote:

> **
>
>
> I need some assistance identifying the proper crystal filter that either
> came in the BWC upgrade kit for the NRD-535D or the units that came from
> the factory with the CFL-243 "W" board installed beginning with serial
> numbers 56005. My unit currently has a YF400EB installed on my CFL-243
> board. I appreciate any help i can get on this issue.
>
> Mike
>
>
>

2797. Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-05 15:07:10 UTC
From: n9lfn
Topic: 2795 Message: 2797

Hi Barry,

Bob and I have been exchanging some email about this radio I bought. The JRC BWC upgrade kit that updated the CFl-243 BWC board to a CFL-243W was nothing more than a hardware modification which involved changing out the crystal filter on the BWC board. The original P/N for this filter was 6XMJD00132A, but was changed to a 6XMJD00144. I was hoping someone that has the upgrade kit already installed or has a 535D with a serial # of BR56005 or higher could pop the top and take a quick look at that filter model number for me.

regards,

Mike

--- In nrd-525-535@yahoogroups.com, Barry Williams <hroengineer@...> wrote:
>
> Rob Sherwood installs a 400 Hz filter originally designed for the TS-930
> Kenwood. I think he gets them from IRC. It seems that YF was a Kenwood
> filter prefix. I would bet that it is a 400 Hz CW filter and has higher
> performance than the JRC part. You might call him. Sherwood Engineering,
> seems like his website is sherweng.com.
>
> 73,
> Barry
> KD5VC
> On Sep 5, 2013 6:43 AM, "n9lfn" <chalk32actual@...> wrote:
>
> > **
> >
> >
> > I need some assistance identifying the proper crystal filter that either
> > came in the BWC upgrade kit for the NRD-535D or the units that came from
> > the factory with the CFL-243 "W" board installed beginning with serial
> > numbers 56005. My unit currently has a YF400EB installed on my CFL-243
> > board. I appreciate any help i can get on this issue.
> >
> > Mike
> >
> >
> >
>

2798. Re: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-05 15:24:44 UTC
From: kkyahoo
Topic: 2795 Message: 2798

Be aware that you also need to change out the eproms on the micro and front panel if you change from the 243 to the W upgrade. 73 Kevin
----- Original Message -----
From: n9lfn
To: nrd-525-535@yahoogroups.com
Sent: Thursday, September 05, 2013 4:07 PM
Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Hi Barry,

Bob and I have been exchanging some email about this radio I bought. The JRC BWC upgrade kit that updated the CFl-243 BWC board to a CFL-243W was nothing more than a hardware modification which involved changing out the crystal filter on the BWC board. The original P/N for this filter was 6XMJD00132A, but was changed to a 6XMJD00144. I was hoping someone that has the upgrade kit already installed or has a 535D with a serial # of BR56005 or higher could pop the top and take a quick look at that filter model number for me.

regards,

Mike

--- In nrd-525-535@yahoogroups.com, Barry Williams <hroengineer@...> wrote:
>
> Rob Sherwood installs a 400 Hz filter originally designed for the TS-930
> Kenwood. I think he gets them from IRC. It seems that YF was a Kenwood
> filter prefix. I would bet that it is a 400 Hz CW filter and has higher
> performance than the JRC part. You might call him. Sherwood Engineering,
> seems like his website is sherweng.com.
>
> 73,
> Barry
> KD5VC
> On Sep 5, 2013 6:43 AM, "n9lfn" <chalk32actual@...> wrote:
>
> > **
> > >
> > >
> > > I need some assistance identifying the proper crystal filter that either
> > > came in the BWC upgrade kit for the NRD-535D or the units that came from
> > > the factory with the CFL-243 "W" board installed beginning with serial
> > > numbers 56005. My unit currently has a YF400EB installed on my CFL-243
> > > board. I appreciate any help i can get on this issue.
> > >
> > > Mike

> >
> >
> >
>

2799. Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-05 18:42:21 UTC
From: n9lfn
Topic: 2795 Message: 2799

It has the rev. "H" eproms installed.

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Be aware that you also need to change out the eproms on the micro and front panel if you change from the 243 to the W upgrade. 73 Kevin
> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Thursday, September 05, 2013 4:07 PM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
>
>
>
> Hi Barry,
>
> Bob and I have been exchanging some email about this radio I bought. The JRC BWC upgrade kit that updated the CFl-243 BWC board to a CFL-243W was nothing more than a hardware modification which involved changing out the crystal filter on the BWC board. The original P/N for this filter was 6XMJD00132A, but was changed to a 6XMJD00144. I was hoping someone that has the upgrade kit already installed or has a 535D with a serial # of BR56005 or higher could pop the top and take a quick look at that filter model number for me.
>
> regards,
>
> Mike
>
> --- In nrd-525-535@yahoogroups.com, Barry Williams <hroengineer@> wrote:
> >
> > Rob Sherwood installs a 400 Hz filter originally designed for the TS-930
> > Kenwood. I think he gets them from IRC. It seems that YF was a Kenwood
> > filter prefix. I would bet that it is a 400 Hz CW filter and has higher
> > performance than the JRC part. You might call him. Sherwood Engineering,
> > seems like his website is sherweng.com.
> >
> > 73,
> > Barry
> > KD5VC
> > On Sep 5, 2013 6:43 AM, "n9lfn" <chalk32actual@> wrote:
> >
> > > **
> > >
> > >

> > > I need some assistance identifying the proper crystal filter that either
> > > came in the BWC upgrade kit for the NRD-535D or the units that came from
> > > the factory with the CFL-243 "W" board installed beginning with serial
> > > numbers 56005. My unit currently has a YF400EB installed on my CFL-243
> > > board. I appreciate any help i can get on this issue.
> > >
> > > Mike
> > >
> > >
> > >
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>

2800. Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-05 18:25:42 UTC
From: n9lfn
Topic: 2795 Message: 2800

Kevin, that is whats odd with this radio. It has the "H" revision eproms in it. What is throwing me off track is the fact that it has the CLF-D8 AM filter which was put in the early 535D's. This is what makes me think someone built this radio out of spare boards. The BWC does function in INTER, WIDE, and AM mode, but something does not seem correct. Definately the D8 AM filter is causing a problem, and the YF400EB on the BWC board I am thinking is the original and was not updated with the kit.

Mike

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Be aware that you also need to change out the eproms on the micro and front panel if you change from the 243 to the W upgrade. 73 Kevin
> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Thursday, September 05, 2013 4:07 PM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
>
>
>
> Hi Barry,
>
> Bob and I have been exchanging some email about this radio I bought. The JRC BWC upgrade kit that updated the CFl-243 BWC board to a CFL-243W was nothing more than a hardware modification which involved changing out the crystal filter on the BWC board. The original P/N for this filter was 6XMJD00132A, but was changed to a 6XMJD00144. I was hoping someone that has the upgrade kit already installed or has a 535D with a serial # of BR56005 or higher could pop the top and take a quick look at that filter model number for me.
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> regards,
>
> Mike
>
> --- In nrd-525-535@yahoogroups.com, Barry Williams <hroengineer@> wrote:
> >
> > Rob Sherwood installs a 400 Hz filter originally designed for the TS-930
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> > filter prefix. I would bet that it is a 400 Hz CW filter and has higher
> > performance than the JRC part. You might call him. Sherwood Engineering,
> > seems like his website is sherweng.com.
> >
> > 73,

> > Barry
> > KD5VC
> > On Sep 5, 2013 6:43 AM, "n9lfn" <chalk32actual@> wrote:
> >
> > > **
> > >
> > >
> > > I need some assistance identifying the proper crystal filter that either
> > > came in the BWC upgrade kit for the NRD-535D or the units that came from
> > > the factory with the CFL-243 "W" board installed beginning with serial
> > > numbers 56005. My unit currently has a YF400EB installed on my CFL-243
> > > board. I appreciate any help i can get on this issue.
> > >
> > > Mike
> > >
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>

2801. Re: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-06 08:26:43 UTC
From: kkyahoo
Topic: 2795 Message: 2801

Mike,

As I recall you need to overlap the filter on the if filter unit board with the one in the BWC board to get the variable bandwidth. I changed my CLF D6 to a CFK 455H as it had much steeper shoulders than the 6 and gave a more symmetrical performance when reducing the bandwidth. Whilst the 455H is wider than the CLF 6 the bandwidth can be narrowed so it gives the best of both worlds.

Yes the eproms that you have and the 243 non-W board will sound odd, I tried it too! The filter on the the 243 board that you have is too narrow re the CLF D8. May be worth putting earlier eproms in if you can't get the W filter.

I don't recall seeing an upgrade kit for the 243 board, it was a complete board change. I may be wrong on this.

Kevin
----- Original Message -----
From: n9lfn
To: nrd-525-535@...m
Sent: Thursday, September 05, 2013 7:25 PM
Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Kevin, that is whats odd with this radio. It has the "H" revision eproms in it. What is throwing me off track is the fact that it has the CLF-D8 AM filter which was put in the early 535D's. This is what makes me think someone built this radio out of spare boards. The BWC does function in INTER, WIDE, and AM mode, but something does not seem correct. Definately the D8 AM filter is causing a problem, and the YF400EB on the BWC board I am thinking is the original and was not updated with the kit.

Mike

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Be aware that you also need to change out the eproms on the micro and front panel if you change from the 243 to the W upgrade. 73 Kevin
> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Thursday, September 05, 2013 4:07 PM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
>
>
>

> Hi Barry,
>
> Bob and I have been exchanging some email about this radio I bought. The JRC BWC upgrade kit that updated the CFl-243 BWC board to a CFL-243W was nothing more than a hardware modification which involved changing out the crystal filter on the BWC board. The original P/N for this filter was 6XMJD00132A, but was changed to a 6XMJD00144. I was hoping someone that has the upgrade kit already installed or has a 535D with a serial # of BR56005 or higher could pop the top and take a quick look at that filter model number for me.
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> --- In nrd-525-535@yahoogroups.com, Barry Williams <hroengineer@> wrote:
> >
> > Rob Sherwood installs a 400 Hz filter originally designed for the TS-930
> > Kenwood. I think he gets them from IRC. It seems that YF was a Kenwood
> > filter prefix. I would bet that it is a 400 Hz CW filter and has higher
> > performance than the JRC part. You might call him. Sherwood Engineering,
> > seems like his website is sherweng.com.
> >
> > 73,
> > Barry
> > KD5VC
> > On Sep 5, 2013 6:43 AM, "n9lfn" <chalk32actual@> wrote:
> >
> > > **
> > >
> > >
> > > I need some assistance identifying the proper crystal filter that either
> > > came in the BWC upgrade kit for the NRD-535D or the units that came from
> > > the factory with the CFL-243 "W" board installed beginning with serial
> > > numbers 56005. My unit currently has a YF400EB installed on my CFL-243
> > > board. I appreciate any help i can get on this issue.
> > >
> > > Mike
> > >
> > >
> > >
> > >
> >
>

2802. Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-06 10:34:28 UTC
From: n9lfn
Topic: 2795 Message: 2802

Hi Kevin,

Per Paul Lannuier:

"Owners of NRD-535D receivers older than BR56005 were offered an upgrade kit which included a CLF-D6S filter, a new crystal filter for the CLF-243 BWC board, and a new set of EPROMs (version "D") updated the receivers firmware to enable the BWC to work correctly in AM mode and with the CLF-D6S and included several bug fixes, and implemented several fixes and additions to the RS-232C interface command set.

The upgraded BWC board was designated CLF-243W ("W" for wide) in units with serial numbers BR56005 and later; the easiest way to tell if an original NRD-535D has been upgraded is to simply see if the BWC works with the wide filter in the AM mode; if it does, then the upgrade kit was installed. I am not sure whether JRC still offers the NRD-535 upgrade kit; I suggest contacting Universal Radio in Ohio for further info".

From his notes it does appear that a new crystal filter for the BWC board was all that was inclusded in the upgrade kit. There was not a complete board change out until after SN BR-56005 where they renamed the board the 243"W". The YF400EB on my 243 BWC board is a 400khz filter, but that does not mean it will work properly. in the manual I received with this radio it states that a 243 board will not work in this radio, only the 243W board. The part # of the original crystal filter on the BWC board was a 6XMJD00132A, and was changed to a 6XMJD00144 for the "w" versions of the 243 bwc board.

I appreciate all of your input. I will eventually get it figured out.

Mike

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Mike,
>
> As I recall you need to overlap the filter on the if filter unit board with the one in the BWC board to get the variable bandwidth. I changed my CLF D6 to a CFK 455H as it had much steeper shoulders than the 6 and gave a more symmetrical performance when reducing the bandwidth. Whilst the 455H is wider than the CLF 6 the bandwidth can be narrowed so it gives the best of both worlds.
>
> Yes the eproms that you have and the 243 non-W board will sound odd, I tried it too! The filter on the the 243 board that you have is too narrow re the CLF D8. May be worth putting earlier eproms in if you can't get the W filter.
>
> I don't recall seeing an upgrade kit for the 243 board, it was a complete board change. I may be wrong on this.
>

> Kevin
> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Thursday, September 05, 2013 7:25 PM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
>
>
>
> Kevin, that is whats odd with this radio. It has the "H" revision eproms in it. What is throwing me off track is the fact that it has the CLF-D8 AM filter which was put in the early 535D's. This is what makes me think someone built this radio out of spare boards. The BWC does function in INTER, WIDE, and AM mode, but something does not seem correct. Definately the D8 AM filter is causing a problem, and the YF400EB on the BWC board I am thinking is the original and was not updated with the kit.
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> Mike
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> --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> >
> > Be aware that you also need to change out the eproms on the micro and front panel if you change from the 243 to the W upgrade. 73 Kevin
> > ----- Original Message -----
> > From: n9lfn
> > To: nrd-525-535@yahoogroups.com
> > Sent: Thursday, September 05, 2013 4:07 PM
> > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
> >
> >
> >
> > Hi Barry,
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> > Bob and I have been exchanging some email about this radio I bought. The JRC BWC upgrade kit that updated the CFl-243 BWC board to a CFL-243W was nothing more than a hardware modification which involved changing out the crystal filter on the BWC board. The original P/N for this filter was 6XMJD00132A, but was changed to a 6XMJD00144. I was hoping someone that has the upgrade kit already installed or has a 535D with a serial # of BR56005 or higher could pop the top and take a quick look at that filter model number for me.
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> > Mike
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> > --- In nrd-525-535@yahoogroups.com, Barry Williams <hroengineer@> wrote:
> > >
> > > Rob Sherwood installs a 400 Hz filter originally designed for the TS-930
> > > Kenwood. I think he gets them from IRC. It seems that YF was a Kenwood
> > > filter prefix. I would bet that it is a 400 Hz CW filter and has higher

> > > performance than the JRC part. You might call him. Sherwood Engineering,
> > > seems like his website is sherweng.com.
> > >
> > > 73,
> > > Barry
> > > KD5VC
> > > On Sep 5, 2013 6:43 AM, "n9lfn" <chalk32actual@> wrote:
> > >
> > > > **
> > > >
> > > >
> > > > I need some assistance identifying the proper crystal filter that either
> > > > came in the BWC upgrade kit for the NRD-535D or the units that came from
> > > > the factory with the CFL-243 "W" board installed beginning with serial
> > > > numbers 56005. My unit currently has a YF400EB installed on my CFL-243
> > > > board. I appreciate any help i can get on this issue.
> > > >
> > > > Mike
> > > >
> > > >
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2803. Re: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-06 14:21:30 UTC
From: kkyahoo
Topic: 2795 Message: 2803

Mike,

Interesting stuff, I never knew that!

I will dig out my 535 that has the W board fitted and see what the filter label says,

Kevin
----- Original Message -----
From: n9lfn
To: nrd-525-535@yahoogroups.com
Sent: Friday, September 06, 2013 11:34 AM
Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Hi Kevin,

Per Paul Lannuier:

"Owners of NRD-535D receivers older than BR56005 were offered an upgrade kit which included a CLF-D6S filter, a new crystal filter for the CLF-243 BWC board, and a new set of EPROMs (version "D") updated the receivers firmware to enable the BWC to work correctly in AM mode and with the CLF-D6S and included several bug fixes, and implemented several fixes and additions to the RS-232C interface command set.

The upgraded BWC board was designated CLF-243W ("W" for wide) in units with serial numbers BR56005 and later; the easiest way to tell if an original NRD-535D has been upgraded is to simply see if the BWC works with the wide filter in the AM mode; if it does, then the upgrade kit was installed. I am not sure whether JRC still offers the NRD-535 upgrade kit; I suggest contacting Universal Radio in Ohio for further info".

From his notes it does appear that a new crystal filter for the BWC board was all that was inclusded in the upgrade kit. There was not a complete board change out until after SN BR-56005 where they renamed the board the 243"W". The YF400EB on my 243 BWC board is a 400khz filter, but that does not mean it will work properly. in the manual I received with this radio it states that a 243 board will not work in this radio, only the 243W board. The part # of the original crystal filter on the BWC board was a 6XMJD00132A, and was changed to a 6XMJD00144 for the "w" versions of the 243 bwc board.

I appreciate all of your input. I will eventually get it figured out.

Mike

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Mike,
>

> As I recall you need to overlap the filter on the if filter unit board with the one in the BWC board to get the variable bandwidth. I changed my CLF D6 to a CFK 455H as it had much steeper shoulders than the 6 and gave a more symmetrical performance when reducing the bandwidth. Whilst the 455H is wider than the CLF 6 the bandwidth can be narrowed so it gives the best of both worlds.
>
> Yes the eproms that you have and the 243 non-W board will sound odd, I tried it too! The filter on the the 243 board that you have is too narrow re the CLF D8. May be worth putting earlier eproms in if you can't get the W filter.
>
> I don't recall seeing an upgrade kit for the 243 board, it was a complete board change. I may be wrong on this.
>
> Kevin
> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Thursday, September 05, 2013 7:25 PM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
>
>
>
> Kevin, that is whats odd with this radio. It has the "H" revision eproms in it. What is throwing me off track is the fact that it has the CLF-D8 AM filter which was put in the early 535D's. This is what makes me think someone built this radio out of spare boards. The BWC does function in INTER, WIDE, and AM mode, but something does not seem correct. Definately the D8 AM filter is causing a problem, and the YF400EB on the BWC board I am thinking is the original and was not updated with the kit.
>
> Mike
>
> --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> >
> > Be aware that you also need to change out the eproms on the micro and front panel if you change from the 243 to the W upgrade. 73 Kevin
> > ----- Original Message -----
> > From: n9lfn
> > To: nrd-525-535@yahoogroups.com
> > Sent: Thursday, September 05, 2013 4:07 PM
> > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
> >
> >
> >
> > Hi Barry,
> >
> > Bob and I have been exchanging some email about this radio I bought. The JRC BWC upgrade kit that updated the CFl-243 BWC board to a CFL-243W was nothing more than a hardware modification which involved changing out the crystal filter on the BWC board. The

original P/N for this filter was 6XMJD00132A, but was changed to a 6XMJD00144. I was hoping someone that has the upgrade kit already installed or has a 535D with a serial # of BR56005 or higher could pop the top and take a quick look at that filter model number for me.
> >
> > regards,
> >
> > Mike
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> > --- In nrd-525-535@yahoogroups.com, Barry Williams <hroengineer@> wrote:
> > >
> > > Rob Sherwood installs a 400 Hz filter originally designed for the TS-930
> > > Kenwood. I think he gets them from IRC. It seems that YF was a Kenwood
> > > filter prefix. I would bet that it is a 400 Hz CW filter and has higher
> > > performance than the JRC part. You might call him. Sherwood Engineering,
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> > > On Sep 5, 2013 6:43 AM, "n9lfn" <chalk32actual@> wrote:
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> > > > I need some assistance identifying the proper crystal filter that either
> > > > came in the BWC upgrade kit for the NRD-535D or the units that came from
> > > > the factory with the CFL-243 "W" board installed beginning with serial
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> > > > Mike
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2804. Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-06 19:52:56 UTC
From: n9lfn
Topic: 2795 Message: 2804

Kevin,

I would be grateful if you could let me know what the model number of your filter is on your BWC board. If I do have the wrong filter then at least I will know what model # of filter I need to locate. If possible, could you take a digital picture of the BWC board too?

Many thanks,

Mike

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Mike,
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> Interesting stuff, I never knew that!
>
> I will dig out my 535 that has the W board fitted and see what the filter label says,
>
> Kevin
> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Friday, September 06, 2013 11:34 AM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
>
>
>
> Hi Kevin,
>
> Per Paul Lannuier:
>
> "Owners of NRD-535D receivers older than BR56005 were offered an upgrade kit which included a CLF-D6S filter, a new crystal filter for the CLF-243 BWC board, and a new set of EPROMs (version "D") updated the receivers firmware to enable the BWC to work correctly in AM mode and with the CLF-D6S and included several bug fixes, and implemented several fixes and additions to the RS-232C interface command set.
>
> The upgraded BWC board was designated CLF-243W ("W" for wide) in units with serial numbers BR56005 and later; the easiest way to tell if an original NRD-535D has been upgraded is to simply see if the BWC works with the wide filter in the AM mode; if it does, then the upgrade kit was installed. I am not sure whether JRC still offers the NRD-535 upgrade kit; I suggest contacting Universal Radio in Ohio for further info".
>

> From his notes it does appear that a new crystal filter for the BWC board was all that was inclusded in the upgrade kit. There was not a complete board change out until after SN BR-56005 where they renamed the board the 243"W". The YF400EB on my 243 BWC board is a 400khz filter, but that does not mean it will work properly. in the manual I received with this radio it states that a 243 board will not work in this radio, only the 243W board. The part # of the original crystal filter on the BWC board was a 6XMJD00132A, and was changed to a 6XMJD00144 for the "w" versions of the 243 bwc board.
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> I appreciate all of your input. I will eventually get it figured out.
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> Mike
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> --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> >
> > Mike,
> >
> > As I recall you need to overlap the filter on the if filter unit board with the one in the BWC board to get the variable bandwidth. I changed my CLF D6 to a CFK 455H as it had much steeper shoulders than the 6 and gave a more symmetrical performance when reducing the bandwidth. Whilst the 455H is wider than the CLF 6 the bandwidth can be narrowed so it gives the best of both worlds.
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> > Yes the eproms that you have and the 243 non-W board will sound odd, I tried it too! The filter on the the 243 board that you have is too narrow re the CLF D8. May be worth putting earlier eproms in if you can't get the W filter.
> >
> > I don't recall seeing an upgrade kit for the 243 board, it was a complete board change. I may be wrong on this.
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> > Kevin
> > ----- Original Message -----
> > From: n9lfn
> > To: nrd-525-535@yahoogroups.com
> > Sent: Thursday, September 05, 2013 7:25 PM
> > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > Kevin, that is whats odd with this radio. It has the "H" revision eproms in it. What is throwing me off track is the fact that it has the CLF-D8 AM filter which was put in the early 535D's. This is what makes me think someone built this radio out of spare boards. The BWC does function in INTER, WIDE, and AM mode, but something does not seem correct. Definately the D8 AM filter is causing a problem, and the YF400EB on the BWC board I am thinking is the original and was not updated with the kit.
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> > --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
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> > > Be aware that you also need to change out the eproms on the micro and front panel if you change from the 243 to the W upgrade. 73 Kevin
> > > ----- Original Message -----
> > > From: n9lfn
> > > To: nrd-525-535@yahoogroups.com
> > > Sent: Thursday, September 05, 2013 4:07 PM
> > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > >
> > > Hi Barry,
> > >
> > > Bob and I have been exchanging some email about this radio I bought. The JRC BWC upgrade kit that updated the CFl-243 BWC board to a CFL-243W was nothing more than a hardware modification which involved changing out the crystal filter on the BWC board. The original P/N for this filter was 6XMJD00132A, but was changed to a 6XMJD00144. I was hoping someone that has the upgrade kit already installed or has a 535D with a serial # of BR56005 or higher could pop the top and take a quick look at that filter model number for me.
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> > > regards,
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> > > --- In nrd-525-535@yahoogroups.com, Barry Williams <hroengineer@> wrote:
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> > > > Rob Sherwood installs a 400 Hz filter originally designed for the TS-930
> > > > Kenwood. I think he gets them from IRC. It seems that YF was a Kenwood
> > > > filter prefix. I would bet that it is a 400 Hz CW filter and has higher
> > > > performance than the JRC part. You might call him. Sherwood Engineering,
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> > > > > the factory with the CFL-243 "W" board installed beginning with serial
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> > > > > Mike
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>

2805. Re: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-07 12:36:00 UTC
From: kkyahoo
Topic: 2795 Message: 2805

Mike,

Pic of W version of the 243 BWC board uploded to the Photos section of the group. Filter legend is YF400 XMJD144 made by NDK. I recall that I bought it directly from the factory through a Japanese guy who ran our Tokyo division.

73 Kevin
----- Original Message -----
From: n9lfn
To: nrd-525-535@yahoogroups.com
Sent: Friday, September 06, 2013 8:52 PM
Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Kevin,

I would be grateful if you could let me know what the model number of your filter is on your BWC board. If I do have the wrong filter then at least I will know what model # of filter I need to locate. If possible, could you take a digital picture of the BWC board too?

Many thanks,

Mike

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Mike,
>
> Interesting stuff, I never knew that!
>
> I will dig out my 535 that has the W board fitted and see what the filter label says,
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> Kevin
> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Friday, September 06, 2013 11:34 AM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
>
>
>
> Hi Kevin,
>

> Per Paul Lannuier:
>
> "Owners of NRD-535D receivers older than BR56005 were offered an upgrade kit which included a CLF-D6S filter, a new crystal filter for the CLF-243 BWC board, and a new set of EPROMs (version "D") updated the receivers firmware to enable the BWC to work correctly in AM mode and with the CLF-D6S and included several bug fixes, and implemented several fixes and additions to the RS-232C interface command set.
>
> The upgraded BWC board was designated CLF-243W ("W" for wide) in units with serial numbers BR56005 and later; the easiest way to tell if an original NRD-535D has been upgraded is to simply see if the BWC works with the wide filter in the AM mode; if it does, then the upgrade kit was installed. I am not sure whether JRC still offers the NRD-535 upgrade kit; I suggest contacting Universal Radio in Ohio for further info".
>
> From his notes it does appear that a new crystal filter for the BWC board was all that was inclusded in the upgrade kit. There was not a complete board change out until after SN BR-56005 where they renamed the board the 243"W". The YF400EB on my 243 BWC board is a 400khz filter, but that does not mean it will work properly. in the manual I received with this radio it states that a 243 board will not work in this radio, only the 243W board. The part # of the original crystal filter on the BWC board was a 6XMJD00132A, and was changed to a 6XMJD00144 for the "w" versions of the 243 bwc board.
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> I appreciate all of your input. I will eventually get it figured out.
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> Mike
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> > Mike,
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> > As I recall you need to overlap the filter on the if filter unit board with the one in the BWC board to get the variable bandwidth. I changed my CLF D6 to a CFK 455H as it had much steeper shoulders than the 6 and gave a more symmetrical performance when reducing the bandwidth. Whilst the 455H is wider than the CLF 6 the bandwidth can be narrowed so it gives the best of both worlds.
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> > Yes the eproms that you have and the 243 non-W board will sound odd, I tried it too! The filter on the the 243 board that you have is too narrow re the CLF D8. May be worth putting earlier eproms in if you can't get the W filter.
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> > I don't recall seeing an upgrade kit for the 243 board, it was a complete board change. I may be wrong on this.
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> > Kevin
> > ----- Original Message -----
> > From: n9lfn
> > To: nrd-525-535@yahoogroups.com
> > Sent: Thursday, September 05, 2013 7:25 PM
> > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

> >
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> >
> > Kevin, that is whats odd with this radio. It has the "H" revision eproms in it. What is throwing me off track is the fact that it has the CLF-D8 AM filter which was put in the early 535D's. This is what makes me think someone built this radio out of spare boards. The BWC does function in INTER, WIDE, and AM mode, but something does not seem correct. Definately the D8 AM filter is causing a problem, and the YF400EB on the BWC board I am thinking is the original and was not updated with the kit.
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> > --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
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> > > Be aware that you also need to change out the eproms on the micro and front panel if you change from the 243 to the W upgrade. 73 Kevin
> > > ----- Original Message -----
> > > From: n9lfn
> > > To: nrd-525-535@yahoogroups.com
> > > Sent: Thursday, September 05, 2013 4:07 PM
> > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > >
> > > Hi Barry,
> > >
> > > Bob and I have been exchanging some email about this radio I bought. The JRC BWC upgrade kit that updated the CFl-243 BWC board to a CFL-243W was nothing more than a hardware modification which involved changing out the crystal filter on the BWC board. The original P/N for this filter was 6XMJD00132A, but was changed to a 6XMJD00144. I was hoping someone that has the upgrade kit already installed or has a 535D with a serial # of BR56005 or higher could pop the top and take a quick look at that filter model number for me.
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> > > --- In nrd-525-535@yahoogroups.com, Barry Williams <hroengineer@> wrote:
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> > > > Rob Sherwood installs a 400 Hz filter originally designed for the TS-930
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> > > > performance than the JRC part. You might call him. Sherwood Engineering,
> > > > seems like his website is sherweng.com.
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> > > > 73,
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> > > > > Mike
> > > > >
> > > > >
> > > > >
> > > >
> > >
> >
>

2806. Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-09 13:16:18 UTC
From: n9lfn
Topic: 2795 Message: 2806

Kevin,

I posted a pic of my BWC board in the photo section. They look identical other than the crystal filters. Mine is a YF400EB and im wondering if I remove the label if there will be a part number printed on the filter similar to yours. I believe mine is the older XMJD132A filter.

Appreciate your taking the time to take a picture and post it for me. It was a great help. I may just have to sit this radio on the shelf adn watch for some used parts to appear as they do from time to time.

73,

Mike

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Mike,
>
> Pic of W version of the 243 BWC board uploded to the Photos section of the group. Filter legend is YF400 XMJD144 made by NDK. I recall that I bought it directly from the factory through a Japanese guy who ran our Tokyo division.
>
> 73 Kevin
> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Friday, September 06, 2013 8:52 PM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
>
>
>
> Kevin,
>
> I would be grateful if you could let me know what the model number of your filter is on your BWC board. If I do have the wrong filter then at least I will know what model # of filter I need to locate. If possible, could you take a digital picture of the BWC board too?
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> Many thanks,
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> Mike
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> --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:

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> > Mike,
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> > Interesting stuff, I never knew that!
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> > I will dig out my 535 that has the W board fitted and see what the filter label says,
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> > Kevin
> > ----- Original Message -----
> > From: n9lfn
> > To: nrd-525-535@yahoogroups.com
> > Sent: Friday, September 06, 2013 11:34 AM
> > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> >
> >
> > Hi Kevin,
> >
> > Per Paul Lannuier:
> >
> > "Owners of NRD-535D receivers older than BR56005 were offered an upgrade kit which included a CLF-D6S filter, a new crystal filter for the CLF-243 BWC board, and a new set of EPROMs (version "D") updated the receivers firmware to enable the BWC to work correctly in AM mode and with the CLF-D6S and included several bug fixes, and implemented several fixes and additions to the RS-232C interface command set.
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> > The upgraded BWC board was designated CLF-243W ("W" for wide) in units with serial numbers BR56005 and later; the easiest way to tell if an original NRD-535D has been upgraded is to simply see if the BWC works with the wide filter in the AM mode; if it does, then the upgrade kit was installed. I am not sure whether JRC still offers the NRD-535 upgrade kit; I suggest contacting Universal Radio in Ohio for further info".
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> > > Mike,
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> > > Yes the eproms that you have and the 243 non-W board will sound odd, I tried it too! The filter on the the 243 board that you have is too narrow re the CLF D8. May be worth putting earlier eproms in if you can't get the W filter.
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> > > Kevin
> > > ----- Original Message -----
> > > From: n9lfn
> > > To: nrd-525-535@yahoogroups.com
> > > Sent: Thursday, September 05, 2013 7:25 PM
> > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > >
> > > Kevin, that is whats odd with this radio. It has the "H" revision eproms in it. What is throwing me off track is the fact that it has the CLF-D8 AM filter which was put in the early 535D's. This is what makes me think someone built this radio out of spare boards. The BWC does function in INTER, WIDE, and AM mode, but something does not seem correct. Definately the D8 AM filter is causing a problem, and the YF400EB on the BWC board I am thinking is the original and was not updated with the kit.
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> > > > To: nrd-525-535@...m
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> > > > Hi Barry,
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> > > > Bob and I have been exchanging some email about this radio I bought. The JRC BWC upgrade kit that updated the CFl-243 BWC board to a CFL-243W was nothing more than a hardware modification which involved changing out the crystal filter on the BWC board. The original P/N for this filter was 6XMJD00132A, but was changed to a 6XMJD00144. I was hoping someone that has the upgrade kit already installed or has a 535D with a serial # of BR56005

or higher could pop the top and take a quick look at that filter model number for me.
> > > >
> > > > regards,
> > > >
> > > > Mike
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> > > > --- In nrd-525-535@yahoogroups.com, Barry Williams <hroengineer@> wrote:
> > > > >
> > > > > Rob Sherwood installs a 400 Hz filter originally designed for the TS-930
> > > > > Kenwood. I think he gets them from IRC. It seems that YF was a Kenwood
> > > > > filter prefix. I would bet that it is a 400 Hz CW filter and has higher
> > > > > performance than the JRC part. You might call him. Sherwood Engineering,
> > > > > seems like his website is sherweng.com.
> > > > >
> > > > > 73,
> > > > > Barry
> > > > > KD5VC
> > > > > On Sep 5, 2013 6:43 AM, "n9lfn" <chalk32actual@> wrote:
> > > > >
> > > > > > **
> > > > > >
> > > > > >
> > > > > > I need some assistance identifying the proper crystal filter that either
> > > > > > came in the BWC upgrade kit for the NRD-535D or the units that came from
> > > > > > the factory with the CFL-243 "W" board installed beginning with serial
> > > > > > numbers 56005. My unit currently has a YF400EB installed on my CFL-243
> > > > > > board. I appreciate any help i can get on this issue.
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> > > > > > Mike
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2807. Re: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-09 15:26:15 UTC
From: kkyahoo
Topic: 2795 Message: 2807

Mike,

I checked my non-W version of the 243 board and it has the YF400EB filter fitted like yours, that is the correct one for sure.

I must admit that the BWC hardly gets used. If you can get the Murata CFK 455I then that will have a much better shape factor than anything that the BWC can do. For more HI FI type listening the CFK455H is a good choice. The I version of the filter is what is used in the Lowe modified 535, and I use one in my 525. It sounds a lot better than the CLF-D6S which has higher passband ripple.

73

Kevin
----- Original Message -----
From: n9lfn
To: nrd-525-535@yahoogroups.com
Sent: Monday, September 09, 2013 2:16 PM
Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Kevin,

I posted a pic of my BWC board in the photo section. They look identical other than the crystal filters. Mine is a YF400EB and im wondering if I remove the label if there will be a part number printed on the filter similar to yours. I believe mine is the older XMJD132A filter.

Appreciate your taking the time to take a picture and post it for me. It was a great help. I may just have to sit this radio on the shelf adn watch for some used parts to appear as they do from time to time.

73,

Mike

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Mike,
>
> Pic of W version of the 243 BWC board uploded to the Photos section of the group. Filter legend is YF400 XMJD144 made by NDK. I recall that I bought it directly from the factory through a Japanese guy who ran our Tokyo division.
>
> 73 Kevin
> ----- Original Message -----

> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Friday, September 06, 2013 8:52 PM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
>
>
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> Kevin,
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> I would be grateful if you could let me know what the model number of your filter is on your BWC board. If I do have the wrong filter then at least I will know what model # of filter I need to locate. If possible, could you take a digital picture of the BWC board too?
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> > Mike,
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> > Interesting stuff, I never knew that!
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> > I will dig out my 535 that has the W board fitted and see what the filter label says,
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> > Kevin
> > ----- Original Message -----
> > From: n9lfn
> > To: nrd-525-535@yahoogroups.com
> > Sent: Friday, September 06, 2013 11:34 AM
> > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> >
> > Hi Kevin,
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> > Per Paul Lannuier:
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> > "Owners of NRD-535D receivers older than BR56005 were offered an upgrade kit which included a CLF-D6S filter, a new crystal filter for the CLF-243 BWC board, and a new set of EPROMs (version "D") updated the receivers firmware to enable the BWC to work correctly in AM mode and with the CLF-D6S and included several bug fixes, and implemented several fixes and additions to the RS-232C interface command set.
> >
> > The upgraded BWC board was designated CLF-243W ("W" for wide) in units with serial numbers BR56005 and later; the easiest way to tell if an original NRD-535D has been upgraded is to simply see if the BWC works with the wide filter in the AM mode; if it does,

then the upgrade kit was installed. I am not sure whether JRC still offers the NRD-535 upgrade kit; I suggest contacting Universal Radio in Ohio for further info".
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> > From his notes it does appear that a new crystal filter for the BWC board was all that was inclusded in the upgrade kit. There was not a complete board change out until after SN BR-56005 where they renamed the board the 243"W". The YF400EB on my 243 BWC board is a 400khz filter, but that does not mean it will work properly. in the manual I received with this radio it states that a 243 board will not work in this radio, only the 243W board. The part # of the original crystal filter on the BWC board was a 6XMJD00132A, and was changed to a 6XMJD00144 for the "w" versions of the 243 bwc board.
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> > > Kevin
> > > ----- Original Message -----
> > > From: n9lfn
> > > To: nrd-525-535@yahoogroups.com
> > > Sent: Thursday, September 05, 2013 7:25 PM
> > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > > Be aware that you also need to change out the eproms on the micro and front panel if you change from the 243 to the W upgrade. 73 Kevin
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> > > > From: n9lfn
> > > > To: nrd-525-535@yahoogroups.com
> > > > Sent: Thursday, September 05, 2013 4:07 PM
> > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > > Hi Barry,
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2808. Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-09 18:45:10 UTC
From: n9lfn
Topic: 2795 Message: 2808

Well that explains a lot. Looks like this 535D radio I got my hands on was probably assembled from spare boards. So I have the latest "H" EPROMS and my AM filter and BWC boards are the "old" stock. My current AM filter is an NTK CLF-D8. I found a company that has LF-D6 but I do not think it will fit. I think the "C" in CLF stands for compact. Think i will persue a CFK455I or H and just keep my eye out for a CFL-243 "W" board. These seem to pop up on occasion. Any other suggestions on where i could buy these filters or a 243W board?

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
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> Mike,
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> I checked my non-W version of the 243 board and it has the YF400EB filter fitted like yours, that is the correct one for sure.
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> Kevin
> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Monday, September 09, 2013 2:16 PM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > From: n9lfn
> > To: nrd-525-535@yahoogroups.com
> > Sent: Friday, September 06, 2013 8:52 PM
> > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > To: nrd-525-535@yahoogroups.com
> > > Sent: Friday, September 06, 2013 11:34 AM
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> > > > From: n9lfn
> > > > To: nrd-525-535@yahoogroups.com

> > > > Sent: Thursday, September 05, 2013 7:25 PM
> > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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2809. Re: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-09 19:58:55 UTC
From: kkyahoo
Topic: 2795 Message: 2809

Mike,

I wonder if the JRC factory has any more spares left?

The other thought is that someone just put H series eproms in the radio. You could go back to the earlier eproms, at least the BWC would work as designed. I have version D bin files if you need them.

Kevin
----- Original Message -----
From: n9lfn
To: nrd-525-535@yahoogroups.com
Sent: Monday, September 09, 2013 7:45 PM
Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

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> Kevin
> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Monday, September 09, 2013 2:16 PM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W

bandwith control board
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> > From: n9lfn
> > To: nrd-525-535@yahoogroups.com
> > Sent: Friday, September 06, 2013 8:52 PM
> > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > Mike
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> > > --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> > > >
> > > > Mike,
> > > >
> > > > As I recall you need to overlap the filter on the if filter unit board with the one in the BWC board to get the variable bandwidth. I changed my CLF D6 to a CFK 455H as it had much steeper shoulders than the 6 and gave a more symmetrical performance when reducing the

bandwidth. Whilst the 455H is wider than the CLF 6 the bandwidth can be narrowed so it gives the best of both worlds.
> > > >
> > > > Yes the eproms that you have and the 243 non-W board will sound odd, I tried it too! The filter on the the 243 board that you have is too narrow re the CLF D8. May be worth putting earlier eproms in if you can't get the W filter.
> > > >
> > > > I don't recall seeing an upgrade kit for the 243 board, it was a complete board change. I may be wrong on this.
> > > >
> > > > Kevin
> > > > ----- Original Message -----
> > > > From: n9lfn
> > > > To: nrd-525-535@yahoogroups.com
> > > > Sent: Thursday, September 05, 2013 7:25 PM
> > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
> > > >
> > > >
> > > >
> > > > Kevin, that is whats odd with this radio. It has the "H" revision eproms in it. What is throwing me off track is the fact that it has the CLF-D8 AM filter which was put in the early 535D's. This is what makes me think someone built this radio out of spare boards. The BWC does function in INTER, WIDE, and AM mode, but something does not seem correct. Definately the D8 AM filter is causing a problem, and the YF400EB on the BWC board I am thinking is the original and was not updated with the kit.
> > > >
> > > > Mike
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> > > > --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> > > > >
> > > > > Be aware that you also need to change out the eproms on the micro and front panel if you change from the 243 to the W upgrade. 73 Kevin
> > > > > ----- Original Message -----
> > > > > From: n9lfn
> > > > > To: nrd-525-535@yahoogroups.com
> > > > > Sent: Thursday, September 05, 2013 4:07 PM
> > > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
> > > > >
> > > > >
> > > > >
> > > > > Hi Barry,
> > > > >
> > > > > Bob and I have been exchanging some email about this radio I bought. The JRC BWC upgrade kit that updated the CFl-243 BWC board to a CFL-243W was nothing more than a hardware modification which involved changing out the crystal filter on the BWC board. The original P/N for this filter was 6XMJD00132A, but was changed to a 6XMJD00144. I was hoping someone that has the upgrade kit already installed or has a 535D with a serial # of BR56005 or higher could pop the top and take a quick look at that filter model number for me.
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> > > > > regards,
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> > > > > Mike
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> > > > > --- In nrd-525-535@yahoogroups.com, Barry Williams <hroengineer@> wrote:
> > > > > >
> > > > > > Rob Sherwood installs a 400 Hz filter originally designed for the TS-930
> > > > > > Kenwood. I think he gets them from IRC. It seems that YF was a Kenwood
> > > > > > filter prefix. I would bet that it is a 400 Hz CW filter and has higher
> > > > > > performance than the JRC part. You might call him. Sherwood Engineering,
> > > > > > seems like his website is sherweng.com.
> > > > > >
> > > > > > 73,
> > > > > > Barry
> > > > > > KD5VC
> > > > > > On Sep 5, 2013 6:43 AM, "n9lfn" <chalk32actual@> wrote:
> > > > > >
> > > > > > > **
> > > > > > >
> > > > > > >
> > > > > > > I need some assistance identifying the proper crystal filter that either
> > > > > > > came in the BWC upgrade kit for the NRD-535D or the units that came from
> > > > > > > the factory with the CFL-243 "W" board installed beginning with serial
> > > > > > > numbers 56005. My unit currently has a YF400EB installed on my CFL-243
> > > > > > > board. I appreciate any help i can get on this issue.
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2810. Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-09 13:09:56 UTC
From: n9lfn
Topic: 2795 Message: 2810

Kevin,

I added a picture of my BWC board in the photo section. Our boards look identical other than the crystal filters. Mine is identified as a YF400EB on a label attached to the filter. Since your filter does not have a label, im wondering if I can remove the label off of mine to reveal the part number. I am betting mine is the earlier XMJD132A.

Truly appreciate the time you took to take and post the pictures. It is a big help to me in getting the radio back in top working order.

73,

Mike

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Mike,
>
> Pic of W version of the 243 BWC board uploded to the Photos section of the group. Filter legend is YF400 XMJD144 made by NDK. I recall that I bought it directly from the factory through a Japanese guy who ran our Tokyo division.
>
> 73 Kevin
> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Friday, September 06, 2013 8:52 PM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> Kevin,
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> I would be grateful if you could let me know what the model number of your filter is on your BWC board. If I do have the wrong filter then at least I will know what model # of filter I need to locate. If possible, could you take a digital picture of the BWC board too?
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> Many thanks,
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> Mike
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> --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> >

> > Mike,
> >
> > Interesting stuff, I never knew that!
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> > I will dig out my 535 that has the W board fitted and see what the filter label says,
> >
> > Kevin
> > ----- Original Message -----
> > From: n9lfn
> > To: nrd-525-535@yahoogroups.com
> > Sent: Friday, September 06, 2013 11:34 AM
> > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
> >
> >
> >
> > Hi Kevin,
> >
> > Per Paul Lannuier:
> >
> > "Owners of NRD-535D receivers older than BR56005 were offered an upgrade kit which included a CLF-D6S filter, a new crystal filter for the CLF-243 BWC board, and a new set of EPROMs (version "D") updated the receivers firmware to enable the BWC to work correctly in AM mode and with the CLF-D6S and included several bug fixes, and implemented several fixes and additions to the RS-232C interface command set.
> >
> > The upgraded BWC board was designated CLF-243W ("W" for wide) in units with serial numbers BR56005 and later; the easiest way to tell if an original NRD-535D has been upgraded is to simply see if the BWC works with the wide filter in the AM mode; if it does, then the upgrade kit was installed. I am not sure whether JRC still offers the NRD-535 upgrade kit; I suggest contacting Universal Radio in Ohio for further info".
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> > From his notes it does appear that a new crystal filter for the BWC board was all that was inclusded in the upgrade kit. There was not a complete board change out until after SN BR-56005 where they renamed the board the 243"W". The YF400EB on my 243 BWC board is a 400khz filter, but that does not mean it will work properly. in the manual I received with this radio it states that a 243 board will not work in this radio, only the 243W board. The part # of the original crystal filter on the BWC board was a 6XMJD00132A, and was changed to a 6XMJD00144 for the "w" versions of the 243 bwc board.
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> > I appreciate all of your input. I will eventually get it figured out.
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> > > ----- Original Message -----
> > > From: n9lfn
> > > To: nrd-525-535@yahoogroups.com
> > > Sent: Thursday, September 05, 2013 7:25 PM
> > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > > Sent: Thursday, September 05, 2013 4:07 PM
> > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > > regards,
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> > > > Mike
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> > > > > performance than the JRC part. You might call him. Sherwood Engineering,
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> > > > > 73,
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2811. Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-10 01:32:36 UTC
From: n9lfn
Topic: 2795 Message: 2811

Kevin,

Are the Murata CFK455I or CFK455H direct pin for pin replacements for the CLF-D8 requiring no circuit modifications? Just unsolder the old filter and resolder in the new one?

I will call JRC tomorrow and inquire. Worst that can happen is they say no.......

73,

Mike

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Mike,
>
> I wonder if the JRC factory has any more spares left?
>
> The other thought is that someone just put H series eproms in the radio. You could go back to the earlier eproms, at least the BWC would work as designed. I have version D bin files if you need them.
>
> Kevin
> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Monday, September 09, 2013 7:45 PM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
>
>
>
> Well that explains a lot. Looks like this 535D radio I got my hands on was probably assembled from spare boards. So I have the latest "H" EPROMS and my AM filter and BWC boards are the "old" stock. My current AM filter is an NTK CLF-D8. I found a company that has LF-D6 but I do not think it will fit. I think the "C" in CLF stands for compact. Think i will persue a CFK455I or H and just keep my eye out for a CFL-243 "W" board. These seem to pop up on occasion. Any other suggestions on where i could buy these filters or a 243W board?
>
> --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> >
> > Mike,
> >
> > I checked my non-W version of the 243 board and it has the YF400EB filter fitted like yours, that is the correct one for sure.

> >
> > I must admit that the BWC hardly gets used. If you can get the Murata CFK 455I then that will have a much better shape factor than anything that the BWC can do. For more HI FI type listening the CFK455H is a good choice. The I version of the filter is what is used in the Lowe modified 535, and I use one in my 525. It sounds a lot better than the CLF-D6S which has higher passband ripple.
> >
> > 73
> >
> > Kevin
> > ----- Original Message -----
> > From: n9lfn
> > To: nrd-525-535@yahoogroups.com
> > Sent: Monday, September 09, 2013 2:16 PM
> > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
> >
> >
> >
> > Kevin,
> >
> > I posted a pic of my BWC board in the photo section. They look identical other than the crystal filters. Mine is a YF400EB and im wondering if I remove the label if there will be a part number printed on the filter similar to yours. I believe mine is the older XMJD132A filter.
> >
> > Appreciate your taking the time to take a picture and post it for me. It was a great help. I may just have to sit this radio on the shelf adn watch for some used parts to appear as they do from time to time.
> >
> > 73,
> >
> > Mike
> >
> > --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> > >
> > > Mike,
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> > > Pic of W version of the 243 BWC board uploded to the Photos section of the group. Filter legend is YF400 XMJD144 made by NDK. I recall that I bought it directly from the factory through a Japanese guy who ran our Tokyo division.
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> > > 73 Kevin
> > > ----- Original Message -----
> > > From: n9lfn
> > > To: nrd-525-535@yahoogroups.com
> > > Sent: Friday, September 06, 2013 8:52 PM
> > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > I would be grateful if you could let me know what the model number of your filter is on your BWC board. If I do have the wrong filter then at least I will know what model # of filter I need to locate. If possible, could you take a digital picture of the BWC board too?
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> > > > ----- Original Message -----
> > > > From: n9lfn
> > > > To: nrd-525-535@yahoogroups.com
> > > > Sent: Friday, September 06, 2013 11:34 AM
> > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > > The upgraded BWC board was designated CLF-243W ("W" for wide) in units with serial numbers BR56005 and later; the easiest way to tell if an original NRD-535D has been upgraded is to simply see if the BWC works with the wide filter in the AM mode; if it does, then the upgrade kit was installed. I am not sure whether JRC still offers the NRD-535 upgrade kit; I suggest contacting Universal Radio in Ohio for further info".
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> > > > I appreciate all of your input. I will eventually get it figured out.
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> > > > > Kevin
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> > > > > From: n9lfn
> > > > > To: nrd-525-535@yahoogroups.com
> > > > > Sent: Thursday, September 05, 2013 7:25 PM
> > > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > > > > To: nrd-525-535@yahoogroups.com
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> > > > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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2812. Re: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-11 06:24:03 UTC
From: kkyahoo
Topic: 2795 Message: 2812

Mike,

Yes they are pin compatible and 2k in and out impedance so the matching C and L does not need changing.

Kevin

----- Original Message -----
From: n9lfn
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, September 10, 2013 2:32 AM
Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Kevin,

Are the Murata CFK455I or CFK455H direct pin for pin replacements for the CLF-D8 requiring no circuit modifications? Just unsolder the old filter and resolder in the new one?

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> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Monday, September 09, 2013 7:45 PM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> Well that explains a lot. Looks like this 535D radio I got my hands on was probably

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> >
> > 73
> >
> > Kevin
> > ----- Original Message -----
> > From: n9lfn
> > To: nrd-525-535@yahoogroups.com
> > Sent: Monday, September 09, 2013 2:16 PM
> > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
> >
> >
> >
> > Kevin,
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> > I posted a pic of my BWC board in the photo section. They look identical other than the crystal filters. Mine is a YF400EB and im wondering if I remove the label if there will be a part number printed on the filter similar to yours. I believe mine is the older XMJD132A filter.
> >
> > Appreciate your taking the time to take a picture and post it for me. It was a great help. I may just have to sit this radio on the shelf adn watch for some used parts to appear as they do from time to time.
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> > 73,
> >
> > Mike
> >
> > --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> > >
> > > Mike,
> > >

> > > Pic of W version of the 243 BWC board uploded to the Photos section of the group. Filter legend is YF400 XMJD144 made by NDK. I recall that I bought it directly from the factory through a Japanese guy who ran our Tokyo division.
> > >
> > > 73 Kevin
> > > ----- Original Message -----
> > > From: n9lfn
> > > To: nrd-525-535@yahoogroups.com
> > > Sent: Friday, September 06, 2013 8:52 PM
> > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
> > >
> > >
> > >
> > > Kevin,
> > >
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> > >
> > > Many thanks,
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> > > > Kevin
> > > > ----- Original Message -----
> > > > From: n9lfn
> > > > To: nrd-525-535@yahoogroups.com
> > > > Sent: Friday, September 06, 2013 11:34 AM
> > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > >
> > > > Hi Kevin,
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> > > > Per Paul Lannuier:
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> > > > "Owners of NRD-535D receivers older than BR56005 were offered an upgrade kit which included a CLF-D6S filter, a new crystal filter for the CLF-243 BWC board, and a new set of

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> > > > The upgraded BWC board was designated CLF-243W ("W" for wide) in units with serial numbers BR56005 and later; the easiest way to tell if an original NRD-535D has been upgraded is to simply see if the BWC works with the wide filter in the AM mode; if it does, then the upgrade kit was installed. I am not sure whether JRC still offers the NRD-535 upgrade kit; I suggest contacting Universal Radio in Ohio for further info".
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> > > > From his notes it does appear that a new crystal filter for the BWC board was all that was inclusded in the upgrade kit. There was not a complete board change out until after SN BR-56005 where they renamed the board the 243"W". The YF400EB on my 243 BWC board is a 400khz filter, but that does not mean it will work properly. in the manual I received with this radio it states that a 243 board will not work in this radio, only the 243W board. The part # of the original crystal filter on the BWC board was a 6XMJD00132A, and was changed to a 6XMJD00144 for the "w" versions of the 243 bwc board.
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> > > > >
> > > > > Yes the eproms that you have and the 243 non-W board will sound odd, I tried it too! The filter on the the 243 board that you have is too narrow re the CLF D8. May be worth putting earlier eproms in if you can't get the W filter.
> > > > >
> > > > > I don't recall seeing an upgrade kit for the 243 board, it was a complete board change. I may be wrong on this.
> > > > >
> > > > > Kevin
> > > > > ----- Original Message -----
> > > > > From: n9lfn
> > > > > To: nrd-525-535@yahoogroups.com
> > > > > Sent: Thursday, September 05, 2013 7:25 PM
> > > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > > > Kevin, that is whats odd with this radio. It has the "H" revision eproms in it. What is throwing me off track is the fact that it has the CLF-D8 AM filter which was put in

the early 535D's. This is what makes me think someone built this radio out of spare boards. The BWC does function in INTER, WIDE, and AM mode, but something does not seem correct. Definately the D8 AM filter is causing a problem, and the YF400EB on the BWC board I am thinking is the original and was not updated with the kit.
> > > > >
> > > > > Mike
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> > > > > > --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> > > > > > >
> > > > > > > Be aware that you also need to change out the eproms on the micro and front panel if you change from the 243 to the W upgrade. 73 Kevin
> > > > > > > ----- Original Message -----
> > > > > > > From: n9lfn
> > > > > > > To: nrd-525-535@yahoogroups.com
> > > > > > > Sent: Thursday, September 05, 2013 4:07 PM
> > > > > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > > > > > > Hi Barry,
> > > > > > > >
> > > > > > > > Bob and I have been exchanging some email about this radio I bought. The JRC BWC upgrade kit that updated the CFl-243 BWC board to a CFL-243W was nothing more than a hardware modification which involved changing out the crystal filter on the BWC board. The original P/N for this filter was 6XMJD00132A, but was changed to a 6XMJD00144. I was hoping someone that has the upgrade kit already installed or has a 535D with a serial # of BR56005 or higher could pop the top and take a quick look at that filter model number for me.
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> > > > > > > > regards,
> > > > > > > >
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> > > > > > > > --- In nrd-525-535@yahoogroups.com, Barry Williams <hroengineer@> wrote:
> > > > > > > >
> > > > > > > > Rob Sherwood installs a 400 Hz filter originally designed for the TS-930
> > > > > > > > Kenwood. I think he gets them from IRC. It seems that YF was a Kenwood
> > > > > > > > filter prefix. I would bet that it is a 400 Hz CW filter and has higher
> > > > > > > > performance than the JRC part. You might call him. Sherwood Engineering,
> > > > > > > > seems like his website is sherweng.com.
> > > > > > > >
> > > > > > > > 73,
> > > > > > > > Barry
> > > > > > > > KD5VC
> > > > > > > > On Sep 5, 2013 6:43 AM, "n9lfn" <chalk32actual@> wrote:
> > > > > > > >
> > > > > > > > **
> > > > > > > >
> > > > > > > >
> > > > > > > > I need some assistance identifying the proper crystal filter that either
> > > > > > > > came in the BWC upgrade kit for the NRD-535D or the units that came from

> > > > > > > > the factory with the CFL-243 "W" board installed beginning with serial
> > > > > > > > numbers 56005. My unit currently has a YF400EB installed on my CFL-243
> > > > > > > > board. I appreciate any help i can get on this issue.
> > > > > > > >
> > > > > > > > Mike
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>

2813. Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-11 12:33:09 UTC
From: n9lfn
Topic: 2795 Message: 2813

Kevin,

Any idea where I can purchase one of these filters? I've been searching the net and only find places that will source them for you?

73,

Mike

--- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Mike,
>
> Yes they are pin compatible and 2k in and out impedance so the matching C and L does not need changing.
>
> Kevin
>
> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, September 10, 2013 2:32 AM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
>
>
>
> Kevin,
>
> Are the Murata CFK455I or CFK455H direct pin for pin replacements for the CLF-D8 requiring no circuit modifications? Just unsolder the old filter and resolder in the new one?
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> I will call JRC tomorrow and inquire. Worst that can happen is they say no.......
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> > Mike,
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> > I wonder if the JRC factory has any more spares left?
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> > The other thought is that someone just put H series eproms in the radio. You could go back to the earlier eproms, at least the BWC would work as designed. I have version D bin files if you need them.
> >
> > Kevin
> > ----- Original Message -----
> > From: n9lfn
> > To: nrd-525-535@yahoogroups.com
> > Sent: Monday, September 09, 2013 7:45 PM
> > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> >
> > Well that explains a lot. Looks like this 535D radio I got my hands on was probably assembled from spare boards. So I have the latest "H" EPROMS and my AM filter and BWC boards are the "old" stock. My current AM filter is an NTK CLF-D8. I found a company that has LF-D6 but I do not think it will fit. I think the "C" in CLF stands for compact. Think i will persue a CFK455I or H and just keep my eye out for a CFL-243 "W" board. These seem to pop up on occasion. Any other suggestions on where i could buy these filters or a 243W board?
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> > > ----- Original Message -----
> > > From: n9lfn
> > > To: nrd-525-535@yahoogroups.com
> > > Sent: Monday, September 09, 2013 2:16 PM
> > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > > Sent: Friday, September 06, 2013 8:52 PM
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> > > > > To: nrd-525-535@yahoogroups.com
> > > > > Sent: Friday, September 06, 2013 11:34 AM
> > > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > > > The upgraded BWC board was designated CLF-243W ("W" for wide) in units with serial numbers BR56005 and later; the easiest way to tell if an original NRD-535D has been upgraded is to simply see if the BWC works with the wide filter in the AM mode; if it does, then the upgrade kit was installed. I am not sure whether JRC still offers the NRD-535 upgrade kit; I suggest contacting Universal Radio in Ohio for further info".
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> > > > > > ----- Original Message -----
> > > > > > From: n9lfn
> > > > > > To: nrd-525-535@yahoogroups.com
> > > > > > Sent: Thursday, September 05, 2013 7:25 PM
> > > > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > > > > > To: nrd-525-535@yahoogroups.com
> > > > > > > Sent: Thursday, September 05, 2013 4:07 PM
> > > > > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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2814. Re: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Yahoo group: nrd-525-535
Date: 2013-09-11 20:47:41 UTC
From: kkyahoo
Topic: 2795 Message: 2814

Mike,

These are vintage filters, about as old as the 535 itself, so eBay would be my first port of call. Googling may find a source.

Kevin

----- Original Message -----
From: n9lfn
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, September 11, 2013 1:33 PM
Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board

Kevin,

Any idea where I can purchase one of these filters? I've been searching the net and only find places that will source them for you?

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> Mike,
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> Yes they are pin compatible and 2k in and out impedance so the matching C and L does not need changing.
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> ----- Original Message -----
> From: n9lfn
> To: nrd-525-535@yahoogroups.com
> Sent: Tuesday, September 10, 2013 2:32 AM
> Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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>
> Kevin,
>
> Are the Murata CFK455I or CFK455H direct pin for pin replacements for the CLF-D8 requiring no circuit modifications? Just unsolder the old filter and resolder in the new

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> I will call JRC tomorrow and inquire. Worst that can happen is they say no.......
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> Mike
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> > I wonder if the JRC factory has any more spares left?
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> > The other thought is that someone just put H series eproms in the radio. You could go back to the earlier eproms, at least the BWC would work as designed. I have version D bin files if you need them.
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> > Kevin
> > ----- Original Message -----
> > From: n9lfn
> > To: nrd-525-535@yahoogroups.com
> > Sent: Monday, September 09, 2013 7:45 PM
> > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
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> > > I checked my non-W version of the 243 board and it has the YF400EB filter fitted like yours, that is the correct one for sure.
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> > > I must admit that the BWC hardly gets used. If you can get the Murata CFK 455I then that will have a much better shape factor than anything that the BWC can do. For more HI FI type listening the CFK455H is a good choice. The I version of the filter is what is used in the Lowe modified 535, and I use one in my 525. It sounds a lot better than the CLF-D6S which has higher passband ripple.
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> > > Kevin,
> > >
> > > I posted a pic of my BWC board in the photo section. They look identical other than the crystal filters. Mine is a YF400EB and im wondering if I remove the label if there will be a part number printed on the filter similar to yours. I believe mine is the older XMJD132A filter.
> > >
> > > Appreciate your taking the time to take a picture and post it for me. It was a great help. I may just have to sit this radio on the shelf adn watch for some used parts to appear as they do from time to time.
> > >
> > > 73,
> > >
> > > Mike
> > >
> > > --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> > > >
> > > > Mike,
> > > >
> > > > Pic of W version of the 243 BWC board uploded to the Photos section of the group. Filter legend is YF400 XMJD144 made by NDK. I recall that I bought it directly from the factory through a Japanese guy who ran our Tokyo division.
> > > >
> > > > 73 Kevin
> > > > ----- Original Message -----
> > > > From: n9lfn
> > > > To: nrd-525-535@yahoogroups.com
> > > > Sent: Friday, September 06, 2013 8:52 PM
> > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
> > > >
> > > >
> > > >
> > > > Kevin,
> > > >
> > > > I would be grateful if you could let me know what the model number of your filter is on your BWC board. If I do have the wrong filter then at least I will know what model # of filter I need to locate. If possible, could you take a digital picture of the BWC board too?
> > > >

> > > > Many thanks,
> > > >
> > > > Mike
> > > >
> > > > --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> > > > >
> > > > > Mike,
> > > > >
> > > > > Interesting stuff, I never knew that!
> > > > >
> > > > > I will dig out my 535 that has the W board fitted and see what the filter label says,
> > > > >
> > > > > Kevin
> > > > > ----- Original Message -----
> > > > > From: n9lfn
> > > > > To: nrd-525-535@yahoogroups.com
> > > > > Sent: Friday, September 06, 2013 11:34 AM
> > > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
> > > > >
> > > > >
> > > > >
> > > > > Hi Kevin,
> > > > >
> > > > > Per Paul Lannuier:
> > > > >
> > > > > "Owners of NRD-535D receivers older than BR56005 were offered an upgrade kit which included a CLF-D6S filter, a new crystal filter for the CLF-243 BWC board, and a new set of EPROMs (version "D") updated the receivers firmware to enable the BWC to work correctly in AM mode and with the CLF-D6S and included several bug fixes, and implemented several fixes and additions to the RS-232C interface command set.
> > > > >
> > > > > The upgraded BWC board was designated CLF-243W ("W" for wide) in units with serial numbers BR56005 and later; the easiest way to tell if an original NRD-535D has been upgraded is to simply see if the BWC works with the wide filter in the AM mode; if it does, then the upgrade kit was installed. I am not sure whether JRC still offers the NRD-535 upgrade kit; I suggest contacting Universal Radio in Ohio for further info".
> > > > >
> > > > > From his notes it does appear that a new crystal filter for the BWC board was all that was inclusded in the upgrade kit. There was not a complete board change out until after SN BR-56005 where they renamed the board the 243"W". The YF400EB on my 243 BWC board is a 400khz filter, but that does not mean it will work properly. in the manual I received with this radio it states that a 243 board will not work in this radio, only the 243W board. The part # of the original crystal filter on the BWC board was a 6XMJD00132A, and was changed to a 6XMJD00144 for the "w" versions of the 243 bwc board.
> > > > >
> > > > > I appreciate all of your input. I will eventually get it figured out.
> > > > >
> > > > > Mike

> > > > >
> > > > > --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> > > > > >
> > > > > > Mike,
> > > > > >
> > > > > > As I recall you need to overlap the filter on the if filter unit board with the one in the BWC board to get the variable bandwidth. I changed my CLF D6 to a CFK 455H as it had much steeper shoulders than the 6 and gave a more symmetrical performance when reducing the bandwidth. Whilst the 455H is wider than the CLF 6 the bandwidth can be narrowed so it gives the best of both worlds.
> > > > > >
> > > > > > Yes the eproms that you have and the 243 non-W board will sound odd, I tried it too! The filter on the the 243 board that you have is too narrow re the CLF D8. May be worth putting earlier eproms in if you can't get the W filter.
> > > > > >
> > > > > > I don't recall seeing an upgrade kit for the 243 board, it was a complete board change. I may be wrong on this.
> > > > > >
> > > > > > Kevin
> > > > > > ----- Original Message -----
> > > > > > From: n9lfn
> > > > > > To: nrd-525-535@yahoogroups.com
> > > > > > Sent: Thursday, September 05, 2013 7:25 PM
> > > > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
> > > > > >
> > > > > >
> > > > > >
> > > > > > Kevin, that is whats odd with this radio. It has the "H" revision eproms in it. What is throwing me off track is the fact that it has the CLF-D8 AM filter which was put in the early 535D's. This is what makes me think someone built this radio out of spare boards. The BWC does function in INTER, WIDE, and AM mode, but something does not seem correct. Definately the D8 AM filter is causing a problem, and the YF400EB on the BWC board I am thinking is the original and was not updated with the kit.
> > > > > >
> > > > > > Mike
> > > > > >
> > > > > > --- In nrd-525-535@yahoogroups.com, "kkyahoo" <kkyahoo@> wrote:
> > > > > > >
> > > > > > > Be aware that you also need to change out the eproms on the micro and front panel if you change from the 243 to the W upgrade. 73 Kevin
> > > > > > > ----- Original Message -----
> > > > > > > From: n9lfn
> > > > > > > To: nrd-525-535@yahoogroups.com
> > > > > > > Sent: Thursday, September 05, 2013 4:07 PM
> > > > > > > Subject: [nrd-525-535] Re: Help identifying crystal filter on the updated CFL-243W bandwith control board
> > > > > > >
> > > > > > >
> > > > > > >

> > > > > > > Hi Barry,
> > > > > > >
> > > > > > > Bob and I have been exchanging some email about this radio I bought. The JRC BWC upgrade kit that updated the CFl-243 BWC board to a CFL-243W was nothing more than a hardware modification which involved changing out the crystal filter on the BWC board. The original P/N for this filter was 6XMJD00132A, but was changed to a 6XMJD00144. I was hoping someone that has the upgrade kit already installed or has a 535D with a serial # of BR56005 or higher could pop the top and take a quick look at that filter model number for me.
> > > > > > >
> > > > > > > regards,
> > > > > > >
> > > > > > > Mike
> > > > > > >
> > > > > > > --- In nrd-525-535@yahoogroups.com, Barry Williams <hroengineer@> wrote:
> > > > > > > >
> > > > > > > > Rob Sherwood installs a 400 Hz filter originally designed for the TS-930
> > > > > > > > Kenwood. I think he gets them from IRC. It seems that YF was a Kenwood
> > > > > > > > filter prefix. I would bet that it is a 400 Hz CW filter and has higher
> > > > > > > > performance than the JRC part. You might call him. Sherwood Engineering,
> > > > > > > > seems like his website is sherweng.com.
> > > > > > > >
> > > > > > > > 73,
> > > > > > > > Barry
> > > > > > > > KD5VC
> > > > > > > > On Sep 5, 2013 6:43 AM, "n9lfn" <chalk32actual@> wrote:
> > > > > > > >
> > > > > > > > > **
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > I need some assistance identifying the proper crystal filter that either
> > > > > > > > > came in the BWC upgrade kit for the NRD-535D or the units that came from
> > > > > > > > > the factory with the CFL-243 "W" board installed beginning with serial
> > > > > > > > > numbers 56005. My unit currently has a YF400EB installed on my CFL-243
> > > > > > > > > board. I appreciate any help i can get on this issue.
> > > > > > > > >
> > > > > > > > > Mike
> > > > > > > > >
> > > > > > > > >
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> >
>

2815. NRD-525 DC Power Cord

Yahoo group: nrd-525-535
Date: 2013-09-19 13:15:54 UTC
From: <pietro.bossi@...>
Topic: 2815 Message: 2815

Hi All Group

I need some informations about the DC power cord or cable connector (make, type, references, seller) cause I would like to build a DC power cord for my 525.

Man tnx for any info !

Pietro / hb9rxc

2816. NRD-525 power supply problem

Yahoo group: nrd-525-535
Date: 2013-09-19 13:21:05 UTC
From: <pietro.bossi@...>
Topic: 2816 Message: 2816

Hi Group,

my old 525 has a major problem: it switch ON/OFF/ON rapidly in a burst (with AC power, not yet tested with DC cord) couple of time each second and then maybe it's stay ok for minutes and then back with the problem.

Before dismanteling and checking the power supply, I need to know if someone suffered the same problem.

Any hints or suggestions ?

Thank You Pietro / HB9RXC

2817. Re: [nrd-525-535] NRD-525 DC Power Cord

Yahoo group: nrd-525-535
Date: 2013-09-19 13:39:36 UTC
From: 1ikaa - Andrea
Topic: 2815 Message: 2817

Non vorrei sbagliarmi ma dovrebbe essere un cavo standard di alimentazione come quello dei PC.
Andrea

Da: "pietro.bossi@..." <pietro.bossi@...>
A: nrd-525-535@...m
Inviato: Giovedì 19 Settembre 2013 15:15
Oggetto: [nrd-525-535] NRD-525 DC Power Cord

Hi All Group

I need some informations about the DC power cord or cable connector (make, type, references, seller) cause I would like to build a DC power cord for my 525.

Man tnx for any info !

Pietro / hb9rxc

2818. RE: NRD-525 power supply problem

Yahoo group: nrd-525-535
Date: 2013-09-20 03:46:05 UTC
From: <larfla2@...>
Topic: 2816 Message: 2818

Hi,
My 535 and 525 both do that from time to time. Make sure the power cord is seated tightly by unplugging it from the back of the radio and reseating it firmly. Also, make sure that the fuse holder on the back of the radio is tight. It will loosen a bit over time and cause this to happen. I usually unscrew it a turn or so and then retighten it. Hope this helps.
Larry W2DDG

--- In nrd-525-535@yahoogroups.com, <nrd-525-535@yahoogroups.com> wrote:

Hi Group,

my old 525 has a major problem: it switch ON/OFF/ON rapidly in a burst (with AC power, not yet tested with DC cord) couple of time each second and then maybe it's stay ok for minutes and then back with the problem.

Before dismanteling and checking the power supply, I need to know if someone suffered the same problem.

Any hints or suggestions ?

Thank You Pietro / HB9RXC

2819. RE: NRD-525 Plug-ins

Yahoo group: nrd-525-535
Date: 2013-09-22 19:45:39 UTC
From: <springertool@...>
Topic: 2783 Message: 2819

Thanx to help from the forum's readers (Jim Dimauro, John Reed), I have added both the cmk165 and cmh530/532 to my NRD 525. Although the cmh530 is a little antiquated considering the sftwr/hdwr available today, it is fun to use and enhance its features.

Jon K0FOP

--- In nrd-525-535@yahoogroups.com, <nrd-525-535@yahoogroups.com> wrote:

The CMH-530 (RTTY) & CMK-165 (VHF) cards; I will buy either or both. Been looking for these elusive PCBs for a long time.

Fire back to Jon, KØFOP springerTool@...

2820. RE: NRD-525 DC Power Cord

Yahoo group: nrd-525-535
Date: 2013-10-04 09:36:33 UTC
From: <smason@...>
Topic: 2815 Message: 2820

hi group, i found a power lead i use on my 535 but its the same on the 545 . im one happy camper because i found that benelec supply a power lead
for $5 dollars Australian plus post total of $10 bucks so i bought 2 the polarity is reversed any how it works like a charm if you could have
seen the grin on my face when i saw the little DC light on my display.
(Priceless). the benelec part no is 10502 transceiver dc power lead 2 pin .
hope this is of some help cheers Stuart..

---In nrd-525-535@yahoogroups.com, <nrd-525-535@yahoogroups.com> wrote:

Hi All Group

I need some informations about the DC power cord or cable connector (make, type, references, seller) cause I would like to build a DC power cord for my 525.

Man tnx for any info !

Pietro / hb9rxc

2821. Shortwave scanning

Yahoo group: nrd-525-535
Date: 2013-10-18 18:50:46 UTC
From: <adamtoynton@...>
Topic: 2821 Message: 2821

Hallo,

I wonder if I might ask, with the 525 can you scan on HF with the squelch OPEN in such a way that the radio pauses for 5 secs on each channel. I do this on my Icom 703 and it is very useful for SWLing to check for activity.

Thanks, Adam (M6RDP)

2822. HELP

Yahoo group: nrd-525-535
Date: 2013-11-04 15:44:39 UTC
From: joaoaraujo68
Topic: 2822 Message: 2822

Hi people.
I have one NRD-535 Lowe edition.
On AM mode, receiver is about 1khz out of frequency (to up).
What can i do to fix it??
Thank you
Joao Araujo
Brazil

2823. JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-11-09 02:45:31 UTC
From: <springertool@...>
Topic: 2823 Message: 2823

I have several sources searching for the mating connectors that connect the vertical PCBs to the motherboard. As most of you know, these connectors have an unusual pin-pitch. Measured at 0.093", or ~ 2.36mm. My purpose is to build extension boards, similar to what have been posted here earlier. When the connectors are found, I will share with the group.

Can any of you help with parts or even the complete extensions?

Jon

2824. Re: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-11-09 03:55:09 UTC
From: Bob Betts
Topic: 2823 Message: 2824

Jon:
Back in the 70s and early 80s the common pitch for mother bd. to daughter bd. connectors were the decimal .100 and .200. The fractional connectors were .093 (3/32"), .156 (5/32") and .125 (1/8"). We had many heated discussions with our European and Asian clients who preferred metric pitch connectors, and they'd even settle for English (decimal), but absolutely hated our use of fractional (English) pitch. All this began to go away in the mid to late 1980s with the standardization of the .100, .150 and .200 for a majority of the applications (Metric sizes notwithstanding). I find it odd that JRC would maintain the English/fractional standard...unless they wanted the uniqueness of an obsolete and hard to obtain standard -- probably the case.
Our major suppliers were AMP, Amphenol and Cinch-Jones. There were others, some Euro and some Asian, but I don't recall the names at the moment (25-30+ years ago!).
JRC has always charged an extremely high price for their test/extension cards. Maybe that's the key to their uniqueness...and price. If you haven't already, try the 3 companies I mentioned.
Please report and info you may discover.

Bob, N1KPR
AmComm

http://www.bobsamerica.com
http://www.youtube.com/n1kpr

From: "springertool@bresnan.net" <springertool@...>
To: nrd-525-535@yahoogroups.com
Sent: Friday, November 8, 2013 9:45 PM
Subject: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

I have several sources searching for the mating connectors that connect the vertical PCBs to the motherboard. As most of you know, these connectors have an unusual pin-pitch. Measured at 0.093", or ~ 2.36mm. My purpose is to build extension boards, similar to what have been posted here earlier. When the connectors are found, I will share with the group.

Can any of you help with parts or even the complete extensions?

Jon

2825. Re: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-11-09 08:40:07 UTC
From: joseph
Topic: 2823 Message: 2825

Hello Jon

I realized extension card for JRC
My JRC had a NRD but on the NRD525 the connectors are the same

Is it 15 pins model?

Joseph

Le 9 nov. 2013 à 03:45, <springertool@...> <springertool@...> a écrit :

I have several sources searching for the mating connectors that connect the vertical PCBs to the motherboard. As most of you know, these connectors have an unusual pin-pitch. Measured at 0.093", or ~ 2.36mm. My purpose is to build extension boards, similar to what have been posted here earlier. When the connectors are found, I will share with the group.

Can any of you help with parts or even the complete extensions?

Jon

2826. RE: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-11-10 17:20:00 UTC
From: Jon & Jan
Topic: 2823 Message: 2826

Joseph, thanks for the message ... my NRD-525 receiver has 22-pin connectors. Their are two (2) connectors on each circuit-board.

Jon KØFOP

-----Original Message-----
From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of joseph
Sent: Saturday, November 09, 2013 1:40 AM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Hello Jon

I realized extension card for JRC

My JRC had a NRD but on the NRD525 the connectors are the same

Is it 15 pins model?

Joseph

Le 9 nov. 2013 à 03:45, <springertool@...>
<springertool@...> a écrit :

I have several sources searching for the mating connectors that connect the vertical PCBs to the motherboard. As most of you know, these connectors have an unusual pin-pitch. Measured at 0.093", or ~ 2.36mm. My purpose is to build extension boards, similar to what have been posted here earlier. When the connectors are found, I will share with the group.

Can any of you help with parts or even the complete extensions?

Jon

Yahoo Groups Links

http://groups.yahoo.com/group/nrd-525-535/

Individual Email | Traditional

http://groups.yahoo.com/group/nrd-525-535/join

(Yahoo! ID required)

nrd-525-535-digest@yahoogroups.com

nrd-525-535-fullfeatured@yahoogroups.com

nrd-525-535-unsubscribe@yahoogroups.com

http://info.yahoo.com/legal/us/yahoo/utos/terms/

2827. Re: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-11-10 17:48:15 UTC
From: joseph
Topic: 2823 Message: 2827
Attachments: 1 described; binary payloads are missing from this source WARC

The connectors are Hirose Electronic C° mark (see catalog attached)

The reference for the male connector is PCN6-22PA-2.5DS and for the female PCN6-22S-2.5E

I had bought the 15 pins versions to MOUSER Electronics http://be.mouser.com/Hirose-Electronic/Headers-Wire-Housings/PCN6-Series/_/N-1z0jmg3Zay0loZ1yzrf9n

Attention : - There are an error on this site : reference is for female 20pins but description is 22pins?? (ask confirmation)
- they have not the male 22pins

2828. RE: Re: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-11-11 15:04:05 UTC
From: <kc7ldp@...>
Topic: 2823 Message: 2828

Back in 1992 or 93, when I still had my 525, I ordered 50 each of both connectors, as the minimum order was 100 pcs. One of them was $1.05 and the other was $1.20 as I recall. I ordered them directly from Hirose in Japan as I was a QA Engineer at Carlyle, Inc. in Tukwila, WA.
As I remember, it took me a while to figure out who made the connectors as the NRD-525 Service Manual wasn't too explicit as to who made what. But, thanks to our crack Purchasing Team, I was able to figure it out after looking through a myriad of catalogs.
I built four Extender Boards for friends or fellow DXers w/ 525's. I believe I charged around $125.00 at the time. I used RG-174 coax between the connectors and grounded the shields.
I was not able to get a schematic of the actual JRC Extender Board so I winged it; and it all worked out OK. I also used nylon screws and nuts on the boards.
Anyway, back in about 2003 or 2004, I sold the rest of the connectors (approx. 34 sets) to somebody out there.
Is anyone in this group that person?

Thanks in advance!

Terry, KT7DX (ex. KC7LDP)

---In nrd-525-535@yahoogroups.com, <joseph.bozzer@...> wrote:

The connectors are Hirose Electronic C° mark (see catalog attached)

The reference for the male connector is PCN6-22PA-2.5DS and for the female PCN6-22S-2.5E

I had bought the 15 pins versions to MOUSER Electronics http://be.mouser.com/Hirose-Electric/Headers-Wire-Housings/PCN6-Series/_/N-1z0jmg3Zay0loZ1yzrf9n http://be.mouser.com/Hirose-Electric/Headers-Wire-Housings/PCN6-Series/_/N-1z0jmg3Zay0loZ1yzrf9n

Attention : - There are an error on this site : reference is for female 20pins but description is 22pins?? (ask confirmation)
- they have not the male 22pins

2829. Schema of Tono 5000E

Yahoo group: nrd-525-535
Date: 2013-11-12 09:37:14 UTC
From: joseph
Topic: 2823 Message: 2829

Hello

I'm searching the schemas of the decoder TONO 5000E

Best regards
73 Joseph

2830. Fwd: Group and a few questions

Yahoo group: nrd-525-535
Date: 2013-11-12 16:56:17 UTC
From: Bill Carney
Topic: 2830 Message: 2830

Begin forwarded message:

From: Derek Wooldridge <dgwooldridge@...<mailto:dgwooldridge@...>>
Subject: Group and a few questions
Date: November 10, 2013 9:29:52 AM EST
To: <nrd-525-535-owner@yahoogroups.com<mailto:nrd-525-535-owner@yahoogroups.com>>

Thank you for allowing me to join

Rather than post what may be obvious things before I get going could you answer the following ?

How does a JRC 535 stand up against todays receivers, the specs look good? I ask as I am actually swapping an Alinco DR8 for a mint condition boxed JRC 535, I think that's not a bad deal, the Alinco cost me £300?

Can we fit the boards in the chassis to upgrade it to a "D" version, if so what would those be?

Does the 535 "age" well, or would it be worth getting a calibration on it,. not sure who would service it? I am in Southern England UK

Sorry for questions that you no doubt get al the time, I appreciate the advice

thank you

Derek

2831. Re: [nrd-525-535] Fwd: Group and a few questions

Yahoo group: nrd-525-535
Date: 2013-11-12 20:49:47 UTC
From: poldhu1901@...
Topic: 2830 Message: 2831

Hi Derek,

Welcome aboard and hope you enjoy your 535.

I've no experience of the Alinco so can't make a comparison but in general terms the 535 is still an excellent receiver. Secondhand 535 prices, in the UK at least, did drop steadily for a number of years, never drastically but certainly noticeable, but seemed to have gone up again a bit of late, and considering that you've effectively paid £300 for a mint and boxed example I'd say you've done pretty well:-)

There's no official JRC dealers or service agents still in business in the UK that I'm aware of, unless some of the commercial marine outlets are still going.
Lowe have gone now and seemed to lose interest long before finally disappearing anyway.

There's a repair company called Castle Electronics that advertise in RadCom and don't sound too bad but I have no personal experience of them.

On the other hand, I tend to follow the "if it ain't broke don't fix it" school of thought.
The only "regular" maintenance required is to change the CPU backup battery from time to time, I changed mine recently on a "just because it had been there since the set was new 20 years ago" basis but it still seemed to have plenty of life in it even then.

Most electrical parts in the 535 are fairly standard, but chances of finding a replacement display these days are just about zero without finding someone breaking another set. Most do seem to still be going strong but I have heard of a few failures, generally just getting dimmer and dimmer, so that might be something to be aware of.

Boards to upgrade to a D version are the CFL243W bandwidth controller, unless you have a very early model that requires the original CFL243, and the CMF78 ECSS Unit. The D also came with the CFL233 1KHz IF filter already fitted.
Another optional board is the CMH530 RTTY unit.

Again, finding boards these days is likely to depend on someone else breaking a set for spares or deciding they don't need the extra boards. Either way it could turn out to be quite expensive.
I did upgrade my 535 whilst it was still virtually new, as well as performing the Lowe Mods that they were promoting at that time, but if I had to choose just one upgrade out of those it would probably be the variable bandwidth controller.

Some time ago I uploaded two scans of the service manual, one contains all pages, text, schematics, PCB layouts, and parts lists, laid out in portrait A4 as per the original, whilst the other keeps the text pages as A4 but with schematics, PCBs and parts lists resized and rotated to be A3 foldouts, which makes them more legible on widescreen monitors and suitable for A3 printing.

These are still available at.....

http://rapidshare.com/files/3851704016/NRD535_Service_A4.pdf

http://rapidshare.com/files/468321193/NRD535_Service_A3.pdf

Regards

Nigel GM8PZR

In a message dated 12/11/2013 16:56:58 GMT Standard Time, bill@billcarney.com writes:

Begin forwarded message:

From: Derek Wooldridge <_dgwooldridge@gmail.com_ (mailto:dgwooldridge@gmail.com) >

Subject: Group and a few questions

Date: November 10, 2013 9:29:52 AM EST

To: <_nrd-525-535-owner@yahoogroups.com_ (mailto:nrd-525-535-owner@yahoogroups.com) >

Thank you for allowing me to join

Rather than post what may be obvious things before I get going could you answer the following ?

How does a JRC 535 stand up against todays receivers, the specs look good? I ask as I am actually swapping an Alinco DR8 for a mint condition boxed JRC 535, I think that's not a bad deal, the Alinco cost me £300?

Can we fit the boards in the chassis to upgrade it to a "D" version, if so what would those be?

Does the 535 "age" well, or would it be worth getting a calibration on it,. not sure who would service it? I am in Southern England UK

Sorry for questions that you no doubt get al the time, I appreciate the advice

thank you

Derek

2832. RE: RE: Re: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-11-12 23:14:43 UTC
From: <easwk@...>
Topic: 2823 Message: 2832

This might be worth a closer look:
http://www.ebay.com/itm/JRC-JLD-10-DIRECTION-FINDER-VLF-RECEIVER-BOARDS-USED-7-PCS-/190925547467?pt=US_Ham_Radio_Receivers&hash=item2c740ca7cb#ht_1749wt_920 http://www.ebay.com/itm/JRC-JLD-10-DIRECTION-FINDER-VLF-RECEIVER-BOARDS-USED-7-PCS-/190925547467?pt=US_Ham_Radio_Receivers&hash=item2c740ca7cb#ht_1749wt_920

Size of the extender Board seems to be the same, 22 pole connectors
as well....if that one is an original, JRC had a second extender board
next to the well known one with the coax wiring

Stefan

---In nrd-525-535@yahoogroups.com, <kc7ldp@...> wrote:

Back in 1992 or 93, when I still had my 525, I ordered 50 each of both connectors, as the minimum order was 100 pcs. One of them was $1.05 and the other was $1.20 as I recall. I ordered them directly from Hirose in Japan as I was a QA Engineer at Carlyle, Inc. in Tukwila, WA.
As I remember, it took me a while to figure out who made the connectors as the NRD-525 Service Manual wasn't too explicit as to who made what. But, thanks to our crack Purchasing Team, I was able to figure it out after looking through a myriad of catalogs.
I built four Extender Boards for friends or fellow DXers w/ 525's. I believe I charged around $125.00 at the time. I used RG-174 coax between the connectors and grounded the shields.
I was not able to get a schematic of the actual JRC Extender Board so I winged it; and it all worked out OK. I also used nylon screws and nuts on the boards.
Anyway, back in about 2003 or 2004, I sold the rest of the connectors (approx. 34 sets) to somebody out there.
Is anyone in this group that person?

Thanks in advance!

Terry, KT7DX (ex. KC7LDP)

---In nrd-525-535@yahoogroups.com, <joseph.bozzer@...> wrote:

The connectors are Hirose Electronic C° mark (see catalog attached)

The reference for the male connector is PCN6-22PA-2.5DS and for the female PCN6-22S-2.5E

I had bought the 15 pins versions to MOUSER Electronics http://be.mouser.com/Hirose-Electric/Headers-Wire-Housings/PCN6-Series/_/N-1z0jmg3Zay0loZ1yzrf9n http://be.mouser.com/Hirose-Electric/Headers-Wire-Housings/PCN6-Series/_/N-1z0jmg3Zay0loZ1yzrf9n

Attention : - There are an error on this site : reference is for female 20pins but description is 22pins?? (ask confirmation)
- they have not the male 22pins

2833. Need VFO Knob and faceplate for a 525

Yahoo group: nrd-525-535
Date: 2013-11-18 01:34:55 UTC
From: <doug08854@...>
Topic: 2833 Message: 2833

Hi I am in need of a VFO knob and a Nice faceplate for a 525.
Thanks
Doug
N3DUG

2834. Need one knob for the NRD 525

Yahoo group: nrd-525-535
Date: 2013-11-18 01:41:07 UTC
From: <doug08854@...>
Topic: 2834 Message: 2834

Need 1 of the smaller knobs for the 525 as well
Thanks Doug
N3DUG

2835. WTB: Japan Radio NVA-319 Ext Speaker

Yahoo group: nrd-525-535
Date: 2013-11-18 02:34:42 UTC
From: <crenshawradio@...>
Topic: 2835 Message: 2835

Hi folks,

I would like to purchase a working NVA-319 speaker for the 535. Please contact me if you have one and your price. Thanks!

crenshawradio@yahoo.com

2836. Serial control and resetting the 535

Yahoo group: nrd-525-535
Date: 2013-11-26 13:57:57 UTC
From: <dgwooldridge@...>
Topic: 2836 Message: 2836

I have received my 535 and notice it has a serial port in the back, was this standard ?
I can get any software to "see" the radio however, using the serial port setup as per the manual ? Any ideas

Also is there a way to reset the radio to factory defaults and clear any memories etc ?

Thank you

2837. RE: Serial control and resetting the 535

Yahoo group: nrd-525-535
Date: 2013-11-26 14:54:03 UTC
From: <dgwooldridge@...>
Topic: 2836 Message: 2837

May have answered part of my question !

I think I need a "Null modem cable" as opposed to a standard "Serial Cable" ?

Did JRC do any simple software for memory management etc, that is still available

Thank you

---In nrd-525-535@yahoogroups.com, <dgwooldridge@...> wrote:

I have received my 535 and notice it has a serial port in the back, was this standard ?
I can get any software to "see" the radio however, using the serial port setup as per the manual ? Any ideas

Also is there a way to reset the radio to factory defaults and clear any memories etc ?

Thank you

2838. RE: RE: Serial control and resetting the 535

Yahoo group: nrd-525-535
Date: 2013-11-26 15:22:44 UTC
From: <malet-bernard@...>
Topic: 2836 Message: 2838

Bonjour of France

To see http://www.bonito.net/ http://www.bonito.net/
Cable Conection and Diagram Service
technical service, download and infos
for MARINE and HAM-RADIO

---In nrd-525-535@yahoogroups.com, <dgwooldridge@...> wrote:

May have answered part of my question !

I think I need a "Null modem cable" as opposed to a standard "Serial Cable" ?

Did JRC do any simple software for memory management etc, that is still available

Thank you

---In nrd-525-535@yahoogroups.com, <dgwooldridge@...> wrote:

I have received my 535 and notice it has a serial port in the back, was this standard ?
I can get any software to "see" the radio however, using the serial port setup as per the manual ? Any ideas

Also is there a way to reset the radio to factory defaults and clear any memories etc ?

Thank you

2839. Re: [nrd-525-535] Serial control and resetting the 535

Yahoo group: nrd-525-535
Date: 2013-11-26 15:26:18 UTC
From: poldhu1901@...
Topic: 2836 Message: 2839

RS232 was standard on the 535 although actual functionality varied a bit depending on the Prom version fitted.

It seems likely that whilst Eprom changes up to version D or E were relevant to the set itself any version changes after that just affected the computer interface itself.

The user manual, available from the group files section, contains details of an earlier interface, perhaps version E, plus details of the non-standard cable required, and I uploaded a scan of the command set for version F to the group files some time ago, I haven't so far found any evidence that version G actually existed but then haven't found any evidence either to say it didn't, and do recall it being said that H, the last version, was needed for something to do with the computer interface, but can't remember what the something was:-)

Identify what version Eproms are fitted as follows....
Main Eprom -- Hold down the Decimal Point buton as set is switched on,
Display Eprom -- Hold down the Memo button as the set is switched on.
For versions A to E, and H, the version numbers of both Eproms are the same and display as follows...
A 91.02
B 91.03
D 91.05
E 91.08 ------- This version needed for the later version bandwidth board.
H 93.03

F has a different date in each Eprom, at least my version does, although the similarity suggests this might well have been a typo....
Main Eprom -- 92.01
Display Eprom -- 92.10

I have no information for C or G.

If new look Yahoo still allows access, my notes here suggest that group messages 1833, 1834, 1835, and 1839 carry more information that's relevant to this.

The RS232 interface is a bit crude, no handshaking and prone to locking up with some software but I don't recall any particular problems using it, other than it being much nicer just to operate the set by hand:-)
What software are you using?
I've still got copies of several programs and you're welcome to copies of those, I've never tried basic terminal software such as hyperterminal so can't comment on whether or not that would work.

The reset option is available via the remote command set but I don't know what, if any, button presses might carry out the same function.

Regards

Nigel
GM8PZR

In a message dated 26/11/2013 13:58:01 GMT Standard Time, dgwooldridge@... writes:

I have received my 535 and notice it has a serial port in the back, was this standard ?
I can get any software to "see" the radio however, using the serial port setup as per the manual ? Any ideas

Also is there a way to reset the radio to factory defaults and clear any memories etc ?

Thank you

2840. Re: [nrd-525-535] Serial control and resetting the 535

Yahoo group: nrd-525-535
Date: 2013-11-26 16:55:05 UTC
From: pietro
Topic: 2836 Message: 2840

Hi Nigel and the list !

if someone of you are interested in software remote controller for your
525 / 535 , please have a look here:

- normal version : http://hb9rxc.homeip.net/software.htm
- client/server version : http://hb9rxc.homeip.net/software2.htm

and eventually on how to replace the two eeprom :
http://hb9rxc.homeip.net/gallery/thumbnails.php?album=3

for any info or suggestion please write to me: hb9rxc@...

best regards, Pietro

Il 26.11.2013 16:26, poldhu1901@... ha scritto:
>
> RS232 was standard on the 535 although actual functionality varied a
> bit depending on the Prom version fitted.
> It seems likely that whilst Eprom changes up to version D or E
> were relevant to the set itself any version changes after that just
> affected the computer interface itself.
> The user manual, available from the group files section, contains
> details of an earlier interface, perhaps version E, plus details of
> the non-standard cable required, and I uploaded a scan of the command
> set for version F to the group files some time ago, I haven't so far
> found any evidence that version G actually existed but then haven't
> found any evidence either to say it didn't, and do recall it being
> said that H, the last version, was needed for something to do with the
> computer interface, but can't remember what the something was:-)
> Identify what version Eproms are fitted as follows....
> Main Eprom -- Hold down the Decimal Point buton as set is switched on,
> Display Eprom -- Hold down the Memo button as the set is switched on.
> For versions A to E, and H, the version numbers of both Eproms are the
> same and display as follows...
> A 91.02
> B 91.03
> D 91.05
> E 91.08 ------- This version needed for the later version bandwidth board.
> H 93.03
> F has a different date in each Eprom, at least my version
> does, although the similarity suggests this might well have been a
> typo....
> Main Eprom -- 92.01
> Display Eprom -- 92.10
> I have no information for C or G.

> If new look Yahoo still allows access, my notes here suggest that
> group messages 1833, 1834, 1835, and 1839 carry more information
> that's relevant to this.
> The RS232 interface is a bit crude, no handshaking and prone to
> locking up with some software but I don't recall any particular
> problems using it, other than it being much nicer just to operate the
> set by hand:-)
> What software are you using?
> I've still got copies of several programs and you're welcome to copies
> of those, I've never tried basic terminal software such as
> hyperterminal so can't comment on whether or not that would work.
> The reset option is available via the remote command set but I don't
> know what, if any, button presses might carry out the same function.
> Regards
> Nigel
> GM8PZR
> In a message dated 26/11/2013 13:58:01 GMT Standard Time,
> dgwooldridge@... writes:
>
> I have received my 535 and notice it has a serial port in the
> back, was this standard ?
>
> I can get any software to "see" the radio however, using the
> serial port setup as per the manual ? Any ideas
>
>
> Also is there a way to reset the radio to factory defaults and
> clear any memories etc ?
>
>
> Thank you
>
>
>
> Nessun virus nel messaggio.
> Controllato da AVG - www.avg.com <http://www.avg.com>
> Versione: 2014.0.4158 / Database dei virus: 3629/6866 - Data di
> rilascio: 25/11/2013
>

2841. Re: [nrd-525-535] Serial control and resetting the 535

Yahoo group: nrd-525-535
Date: 2013-11-27 07:03:27 UTC
From: Derek Wooldridge
Topic: 2836 Message: 2841

Thank you

I have H 93.03 so its a later one? I will have to get hold of a null modem cable

On 26 November 2013 16:55, pietro <pietro.bossi@bluewin.ch> wrote:

>
>
> Hi Nigel and the list !
>
> if someone of you are interested in software remote controller for your
> 525 / 535 , please have a look here:
>
> - normal version : http://hb9rxc.homeip.net/software.htm
> - client/server version : http://hb9rxc.homeip.net/software2.htm
>
> and eventually on how to replace the two eeprom :
> http://hb9rxc.homeip.net/gallery/thumbnails.php?album=3
>
> for any info or suggestion please write to me: hb9rxc@...
>
> best regards, Pietro
>
> Il 26.11.2013 16:26, poldhu1901@... ha scritto:
>
>
>
> RS232 was standard on the 535 although actual functionality varied a bit
> depending on the Prom version fitted.
>
> It seems likely that whilst Eprom changes up to version D or E
> were relevant to the set itself any version changes after that just
> affected the computer interface itself.
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> The user manual, available from the group files section, contains details
> of an earlier interface, perhaps version E, plus details of the
> non-standard cable required, and I uploaded a scan of the command set for
> version F to the group files some time ago, I haven't so far found any
> evidence that version G actually existed but then haven't found any
> evidence either to say it didn't, and do recall it being said that H,
> the last version, was needed for something to do with the computer
> interface, but can't remember what the something was:-)
>
> Identify what version Eproms are fitted as follows....
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> A 91.02
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>
> F has a different date in each Eprom, at least my version does, although
> the similarity suggests this might well have been a typo....
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> Display Eprom -- 92.10
>
> I have no information for C or G.
>
> If new look Yahoo still allows access, my notes here suggest that group
> messages 1833, 1834, 1835, and 1839 carry more information that's relevant
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>
> The reset option is available via the remote command set but I don't know
> what, if any, button presses might carry out the same function.
>
> Regards
>
> Nigel
> GM8PZR
>
>
>
> In a message dated 26/11/2013 13:58:01 GMT Standard Time,
> dgwooldridge@... writes:
>
>
>
> I have received my 535 and notice it has a serial port in the back, was
> this standard ?
>
> I can get any software to "see" the radio however, using the serial port
> setup as per the manual ? Any ideas
>
>

> Also is there a way to reset the radio to factory defaults and clear any
> memories etc ?
>
>
> Thank you
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> Controllato da AVG - www.avg.com
> Versione: 2014.0.4158 / Database dei virus: 3629/6866 - Data di rilascio:
> 25/11/2013
>
>
>
>

2842. Re: [nrd-525-535] Serial control and resetting the 535

Yahoo group: nrd-525-535
Date: 2013-11-27 11:58:26 UTC
From: poldhu1901@...
Topic: 2836 Message: 2842

That does sound pretty late, nice one:-)

I made up my own cable according to the manual but I assume a standard
null modem cable should be ok, the latter does have pins 6 and 8 linked before
connecting to pin 20 on the opposite connector whereas JRC don't seem to
use pin 8 but hopefully that shouldn't be a problem.
However, RS232 interfacing can be a bit hit and miss so if you're planning
on buying rather than building it might be useful if somebody else here
could recommend a cable they've used and is known to work ok.
These days you should be able to get a ready made 25 to 9 pin cable but,
again, if using 25 way cable connectors with a 25 to 9 pin adapter I've
found the adapters may not always be wired as expected either.

Regards

Nigel
GM8PZR

In a message dated 27/11/2013 07:03:31 GMT Standard Time,
dgwooldridge@... writes:

Thank you

I have H 93.03 so its a later one? I will have to get hold of a null
modem cable

On 26 November 2013 16:55, pietro <_pietro.bossi@..._
(mailto:pietro.bossi@...) > wrote:

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- normal version : http://hb9rxc.homeip.net/software.htm
- client/server version : http://hb9rxc.homeip.net/software2.htm

and eventually on how to replace the two eeprom :
http://hb9rxc.homeip.net/gallery/thumbnails.php?album=3

for any info or suggestion please write to me: _hb9rxc@..._
(mailto:hb9rxc@...)

best regards, Pietro

Il 26.11.2013 16:26, _poldhu1901@..._ (mailto:poldhu1901@...) ha
scritto:

RS232 was standard on the 535 although actual functionality varied a bit
depending on the Prom version fitted.

It seems likely that whilst Eprom changes up to version D or E were
relevant to the set itself any version changes after that just affected the
computer interface itself.

The user manual, available from the group files section, contains details
of an earlier interface, perhaps version E, plus details of the
non-standard cable required, and I uploaded a scan of the command set for version F to
the group files some time ago, I haven't so far found any evidence that
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H 93.03

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the similarity suggests this might well have been a typo....
Main Eprom -- 92.01
Display Eprom -- 92.10

I have no information for C or G.

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The reset option is available via the remote command set but I don't know
what, if any, button presses might carry out the same function.

Regards

Nigel
GM8PZR

In a message dated 26/11/2013 13:58:01 GMT Standard Time,
dgwooldridge@... (mailto:dgwooldridge@...) writes:

I have received my 535 and notice it has a serial port in the back, was this standard ?
I can get any software to "see" the radio however, using the serial port setup as per the manual ? Any ideas

Also is there a way to reset the radio to factory defaults and clear any memories etc ?

Thank you

Nessun virus nel messaggio.
Controllato da AVG - _www.avg.com_ (http://www.avg.com/)
Versione: 2014.0.4158 / Database dei virus: 3629/6866 - Data di rilascio: 25/11/2013

2843. RE: [nrd-525-535] Serial control and resetting the 535

Yahoo group: nrd-525-535
Date: 2013-11-28 01:17:20 UTC
From: Charles
Topic: 2836 Message: 2843

sir,

You can make your own null modem. Purchase a null modem Adapter

from Mouser for about under 10 dollars. connect it between two rs232 cables.

connect the cables from the receiver to your computer and your finished.

It's very easy. The null modem number is F4A602. It's

a Belkin Null Modem Adapter. DB25 Male/DB25 Female Serial.

I hope this helps.

Chuck B.

ka4prf@...

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of poldhu1901@...
Sent: 27 November, 2013 11:58
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Serial control and resetting the 535

That does sound pretty late, nice one:-)

I made up my own cable according to the manual but I assume a standard null modem cable should be ok, the latter does have pins 6 and 8 linked before connecting to pin 20 on the opposite connector whereas JRC don't seem to use pin 8 but hopefully that shouldn't be a problem.

However, RS232 interfacing can be a bit hit and miss so if you're planning on buying rather than building it might be useful if somebody else here could recommend a cable they've used and is known to work ok.

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Regards

Nigel

GM8PZR

In a message dated 27/11/2013 07:03:31 GMT Standard Time,
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cable

On 26 November 2013 16:55, pietro <pietro.bossi@...> wrote:

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/ 535 , please have a look here:

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- client/server version : http://hb9rxc.homeip.net/software2.htm

and eventually on how to replace the two eeprom :
http://hb9rxc.homeip.net/gallery/thumbnails.php?album=3

for any info or suggestion please write to me: hb9rxc@...

best regards, Pietro

Il 26.11.2013 16:26, poldhu1901@... ha scritto:

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depending on the Prom version fitted.

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to the set itself any version changes after that just affected the computer
interface itself.

The user manual, available from the group files section, contains details of
an earlier interface, perhaps version E, plus details of the non-standard
cable required, and I uploaded a scan of the command set for version F to
the group files some time ago, I haven't so far found any evidence that
version G actually existed but then haven't found any evidence either to say
it didn't, and do recall it being said that H, the last version, was needed
for something to do with the computer interface, but can't remember what the
something was:-)

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and display as follows...

A 91.02

B 91.03

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E 91.08 ------- This version needed for the later version bandwidth board.

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What software are you using?

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The reset option is available via the remote command set but I don't know what, if any, button presses might carry out the same function.

Regards

Nigel

GM8PZR

In a message dated 26/11/2013 13:58:01 GMT Standard Time, dgwooldridge@... writes:

I have received my 535 and notice it has a serial port in the back, was this standard ?

I can get any software to "see" the radio however, using the serial port setup as per the manual ? Any ideas

Also is there a way to reset the radio to factory defaults and clear any memories etc ?

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Nessun virus nel messaggio.
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Versione: 2014.0.4158 / Database dei virus: 3629/6866 - Data di rilascio: 25/11/2013

2844. Re: [nrd-525-535] Serial control and resetting the 535

Yahoo group: nrd-525-535
Date: 2013-11-28 04:15:24 UTC
From: Brian Denley
Topic: 2836 Message: 2844

Or a null modem adaptor which plugs into the end of a standard cable. Works just as well.

Brian KB1VBF

Sent from my iPad

> On Nov 27, 2013, at 2:03 AM, Derek Wooldridge <dgwooldridge@...> wrote:
>
> Thank you
>
> I have H 93.03 so its a later one? I will have to get hold of a null modem cable
>
>
>> On 26 November 2013 16:55, pietro <pietro.bossi@...> wrote:
>>
>> Hi Nigel and the list !
>>
>> if someone of you are interested in software remote controller for your 525 / 535 , please have a look here:
>>
>> - normal version : http://hb9rxc.homeip.net/software.htm
>> - client/server version : http://hb9rxc.homeip.net/software2.htm
>>
>> and eventually on how to replace the two eeprom : http://hb9rxc.homeip.net/gallery/thumbnails.php?album=3
>>
>> for any info or suggestion please write to me: hb9rxc@...
>>
>> best regards, Pietro
>>
>> Il 26.11.2013 16:26, poldhu1901@... ha scritto:
>>>
>>>
>>> RS232 was standard on the 535 although actual functionality varied a bit depending on the Prom version fitted.
>>>
>>> It seems likely that whilst Eprom changes up to version D or E were relevant to the set itself any version changes after that just affected the computer interface itself.
>>>
>>> The user manual, available from the group files section, contains details of an earlier interface, perhaps version E, plus details of the non-standard cable required, and I uploaded a scan of the command set for version F to the group files some time ago, I haven't so far found any evidence that version G actually existed but then haven't found any evidence either to say it didn't, and do recall it being said that H, the last version, was needed for something to do with the computer interface, but can't remember what the something was:-)

>>>
>>> Identify what version Eproms are fitted as follows....
>>> Main Eprom -- Hold down the Decimal Point buton as set is switched on,
>>> Display Eprom -- Hold down the Memo button as the set is switched on.
>>> For versions A to E, and H, the version numbers of both Eproms are the same and display as follows...
>>> A 91.02
>>> B 91.03
>>> D 91.05
>>> E 91.08 ------- This version needed for the later version bandwidth board.
>>> H 93.03
>>>
>>> F has a different date in each Eprom, at least my version does, although the similarity suggests this might well have been a typo....
>>> Main Eprom -- 92.01
>>> Display Eprom -- 92.10
>>>
>>> I have no information for C or G.
>>>
>>> If new look Yahoo still allows access, my notes here suggest that group messages 1833, 1834, 1835, and 1839 carry more information that's relevant to this.
>>>
>>> The RS232 interface is a bit crude, no handshaking and prone to locking up with some software but I don't recall any particular problems using it, other than it being much nicer just to operate the set by hand:-)
>>> What software are you using?
>>> I've still got copies of several programs and you're welcome to copies of those, I've never tried basic terminal software such as hyperterminal so can't comment on whether or not that would work.
>>>
>>> The reset option is available via the remote command set but I don't know what, if any, button presses might carry out the same function.
>>>
>>> Regards
>>>
>>> Nigel
>>> GM8PZR
>>>
>>>
>>>
>>> In a message dated 26/11/2013 13:58:01 GMT Standard Time, dgwooldridge@... writes:
>>>
>>> I have received my 535 and notice it has a serial port in the back, was this standard ?
>>>
>>> I can get any software to "see" the radio however, using the serial port setup as per the manual ? Any ideas
>>>
>>>
>>> Also is there a way to reset the radio to factory defaults and clear any memories etc ?
>>>

>>>
>>> Thank you
>>>
>>> Nessun virus nel messaggio.
>>> Controllato da AVG - www.avg.com
>>> Versione: 2014.0.4158 / Database dei virus: 3629/6866 - Data di rilascio: 25/11/2013
>>>
>
>

2845. Chasing down the additional cards and optional speaker

Yahoo group: nrd-525-535
Date: 2013-11-30 09:26:51 UTC
From: <dgwooldridge@...>
Topic: 2845 Message: 2845

Any advice of where / how to track down the various option boards to add to the standard JRC 545 ?

2846. Re: [nrd-525-535] Chasing down the additional cards and optional speaker

Yahoo group: nrd-525-535
Date: 2013-11-30 09:33:37 UTC
From: Edward
Topic: 2845 Message: 2846

There were two JRC options:

30-2000 MHz Board
TCXO
NVA 519 Speaker
Computer control software

Other non JRC options available are:

Sherwood Roofing filter mod
Big Sky Audio audio mods

Universal-radio.com will list accessories. Go to tabletop shortwave receivers, double click, and look for "discontinued receivers."

JRC NRD 545 will show up and all the accessories ever available.

73,
Ed NI6S

Sent from my iPhone

> On Nov 30, 2013, at 12:26, <dgwooldridge@...> wrote:
>
>
>
> Any advice of where / how to track down the various option boards to add to the standard JRC 545 ?
>
>

2847. Re: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-12-06 20:22:27 UTC
From: <springertool@...>
Topic: 2823 Message: 2847

Hi, Bob .... reviewing your reply message on the Yahoo NRD Grp, I thought I'd send you an FYI:

Still engaged in an exhaustive search for the 22-pin connectors (or any having this weird pitch). JRC communicated to me that they couldn't help ... Hirose hasn't returned my inquiry, yet ... I've been thru a number of other mfgrs, AMP(TE), Millmax, 3m, Amphenol, & JAE, Fujitsu, FCI & others, only to agree with your suspicion that JRC retained the 2.36mm pitch as a marketing thing. I was an R&D engineer in a previous life, so I can navigate the connector market with some ease.

I'm presently searching the obsolete parts houses. Small qtys don't get these guys excited, tho. Hopefully, Terry KT7DX can locate the ones he had.

I may have to get creative and machine my own ....

regards, Jon K0FOP

2848. Re: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-12-07 10:07:13 UTC
From: joseph
Topic: 2823 Message: 2848
Attachments: 1 described; binary payloads are missing from this source WARC

The connectors are Hirose Electronic C° mark (see catalog attached)

The reference for the male connector is PCN6-22PA-2.5DS and for the female PCN6-22S-2.5E

I had bought the 15 pins versions for my NRD93 to MOUSER Electronics

http://be.mouser.com/Hirose-Electric/Headers-Wire-Housings/PCN6-Series/_/N-1z0jmg3Zay0loZ1yzrf9n

2849. Re: JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-12-07 13:52:11 UTC
From: Raymond Boute
Topic: 2823 Message: 2849

Dear All,

A solution might be finding an unrepairable NRD 525 "for parts" and carefully recuperating the connectors from the boards and the motherboard. Doing so might help half a dozen of NRD225 owners.

Regards, Raymond ON4DBV

2850. RE: [nrd-525-535] Re: JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-12-07 17:18:50 UTC
From: Jon & Jan
Topic: 2823 Message: 2850

Raymond ... I am keeping an eye out for a junk rcvr ....as rare as like hens teeth, tho, I'm sure. A few people are offering individual pcb's, but, very expensive to cannibalize.

I remain optimistic searching the obsolete parts places.

Jon KØFOP

-----Original Message-----
From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of Raymond Boute
Sent: Saturday, December 07, 2013 6:52 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: JRC NRD 525 PCB plug-in connectors,

Dear All,

A solution might be finding an unrepairable NRD 525 "for parts" and carefully recuperating the connectors from the boards and the motherboard. Doing so might help half a dozen of NRD225 owners.

Regards, Raymond ON4DBV

2851. FS: JRC NRD-515, NDH-518 memory unit & speaker

Yahoo group: nrd-525-535
Date: 2013-12-07 17:47:44 UTC
From: <ke2wg@...>
Topic: 2851 Message: 2851

HI, I have tooo many rigs & need to let some go. NRD-515, NDH-518 96 memory unit & a NVA-88 speaker. Pics available. References available. Shoot me a note for pics, etc. Nick WR3KI, Kent Island, MD. I've also listed the package on Eham & QTH.
email me at ke2wg at atlanticbb.net

2852. Re: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-12-07 22:25:57 UTC
From: joseph
Topic: 2823 Message: 2852

Jon,

Mouser Electronic have these

Le 7 déc. 2013 à 18:18, Jon & Jan a écrit :

Raymond ... I am keeping an eye out for a junk rcvr ....as rare as like hens teeth, tho, I'm sure. A few people are offering individual pcb's, but, very expensive to cannibalize.

I remain optimistic searching the obsolete parts places.

Jon KØFOP

-----Original Message-----
From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of Raymond Boute
Sent: Saturday, December 07, 2013 6:52 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: JRC NRD 525 PCB plug-in connectors,

Dear All,

A solution might be finding an unrepairable NRD 525 "for parts" and carefully recuperating the connectors from the boards and the motherboard. Doing so might help half a dozen of NRD225 owners.

Regards, Raymond ON4DBV

2853. RE: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-12-08 00:33:02 UTC
From: Jon & Jan
Topic: 2823 Message: 2853

Joseph, I have looked closely at the specification sheets you posted earlier, but, they have 2.5mm pin spacing (pitch). The NRD-525 connector pin

spacing is narrower, at 2.36mm. All of Mouser's parts are specified at 2.5mm. It is very strange that the parts list in the NRD-525 shop manual

also lists the 2.5mm part #. Maybe the Model 525 is the only one to have

the weird sized connector.

Jon

-----Original Message-----
From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of joseph
Sent: Saturday, December 07, 2013 3:26 PM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Jon,

Mouser Electronic have these

Le 7 déc. 2013 à 18:18, Jon & Jan a écrit :

Raymond ... I am keeping an eye out for a junk rcvr ....as rare as like hens teeth, tho, I'm sure. A few people are offering individual pcb's, but, very expensive to cannibalize.

I remain optimistic searching the obsolete parts places.

Jon KØFOP

-----Original Message-----

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of Raymond Boute

Sent: Saturday, December 07, 2013 6:52 AM

To: nrd-525-535@yahoogroups.com

Subject: [nrd-525-535] Re: JRC NRD 525 PCB plug-in connectors,

Dear All,

A solution might be finding an unrepairable NRD 525 "for parts" and

carefully recuperating the connectors from the boards and the

motherboard. Doing so might help half a dozen of NRD225 owners.

Regards, Raymond ON4DBV

Yahoo Groups Links

http://groups.yahoo.com/group/nrd-525-535/

Individual Email | Traditional

http://groups.yahoo.com/group/nrd-525-535/join

(Yahoo! ID required)

nrd-525-535-digest@yahoogroups.com

nrd-525-535-fullfeatured@yahoogroups.com

nrd-525-535-unsubscribe@yahoogroups.com

http://info.yahoo.com/legal/us/yahoo/utos/terms/

2854. Re: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Yahoo group: nrd-525-535
Date: 2013-12-08 08:32:47 UTC
From: joseph
Topic: 2823 Message: 2854

Hello Jon

No, you have a bad information
I have the NRD525 material list in front my eyes and the connectors references are :
PCN6-22S-2,5DS ….. it's well 2,5mm pitch!!

Look at the NRD525 material list extract : http://imagesia.com/nrd525_e3ha

Joseph

Le 8 déc. 2013 à 01:33, Jon & Jan a écrit :

Joseph, I have looked closely at the specification sheets you posted earlier, but, they have 2.5mm pin spacing (pitch). The NRD-525 connector pin

spacing is narrower, at 2.36mm. All of Mouser's parts are specified at 2.5mm. It is very strange that the parts list in the NRD-525 shop manual

also lists the 2.5mm part #. Maybe the Model 525 is the only one to have

the weird sized connector.

Jon

-----Original Message-----
From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of joseph
Sent: Saturday, December 07, 2013 3:26 PM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] JRC NRD 525 PCB plug-in connectors,

Jon,

Mouser Electronic have these

Le 7 déc. 2013 à 18:18, Jon & Jan a écrit :

Raymond ... I am keeping an eye out for a junk rcvr ....as rare as like hens teeth, tho, I'm sure. A few people are offering individual pcb's, but, very expensive to cannibalize.

I remain optimistic searching the obsolete parts places.

Jon KØFOP

-----Original Message-----

From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of Raymond Boute

Sent: Saturday, December 07, 2013 6:52 AM

To: nrd-525-535@yahoogroups.com

Subject: [nrd-525-535] Re: JRC NRD 525 PCB plug-in connectors,

Dear All,

A solution might be finding an unrepairable NRD 525 "for parts" and carefully recuperating the connectors from the boards and the motherboard. Doing so might help half a dozen of NRD225 owners.

Regards, Raymond ON4DBV

Yahoo Groups Links

http://groups.yahoo.com/group/nrd-525-535/

Individual Email | Traditional

http://groups.yahoo.com/group/nrd-525-535/join

(Yahoo! ID required)

nrd-525-535-digest@yahoogroups.com

nrd-525-535-fullfeatured@yahoogroups.com

nrd-525-535-unsubscribe@yahoogroups.com

http://info.yahoo.com/legal/us/yahoo/utos/terms/

2855. RE: FS: JRC NRD-515, NDH-518 memory unit & speaker

Yahoo group: nrd-525-535
Date: 2013-12-08 14:15:30 UTC
From: <ke2wg@...>
Topic: 2851 Message: 2855

SOLD PENDING RECEIPT OF FUNDS

2856. NRD-525 battery replacement info needed

Yahoo group: nrd-525-535
Date: 2013-12-14 15:22:30 UTC
From: Allen McGillivray
Topic: 2856 Message: 2856

Hello all! This is my first time on this user-group and I hope someone will be able to help me out. The Sanyo CR2032FT6 battery on the CPU board has died and I can't seem to be able to find an exact replacement, although the CR2032FT10 seems to be very similar.

My questions are...

1) Is the FT10 a compatible replacement for the FT6?

2) I've heard about installing a permanent "battery holder" so ordinary CR2032 batteries could be used. Does anyone have a DIY recipe (parts list, how-to etc...)?

Thanks for any and all help. I should also mention that I've tried to navigate the various topics in the group and can't seem to make sense of it. If you do refer me to previous posts, please let me know how to find them.

Take care,

Glen

2857. Re: [nrd-525-535] NRD-525 battery replacement info needed

Yahoo group: nrd-525-535
Date: 2013-12-14 15:32:39 UTC
From: casy_ch@tbwil.ch
Topic: 2856 Message: 2857

Hi Glen

I think the CR2032FT6 is no more available and in the meantime replaced by the CR2032FT10.

Personally I always replace with a BR2032 made by Panasonic. It has a bit less current then the CR2032 but is guaranted to keep its voltage for 10 years under no load. Nice to keep a reserve in a drawer. Leakage is also better and the price is equivalent.

73 de Jean-Claude, HB3YDH

Am 14.12.2013 16:22, schrieb Allen McGillivray:
> Hello all! This is my first time on this user-group and I hope
> someone will be able to help me out. The Sanyo CR2032FT6 battery on
> the CPU board has died and I can't seem to be able to find an exact
> replacement, although the CR2032FT10 seems to be very similar.
>
> My questions are...
>
> 1) Is the FT10 a compatible replacement for the FT6?
>
> 2) I've heard about installing a permanent "battery holder" so
> ordinary CR2032 batteries could be used. Does anyone have a DIY
> recipe (parts list, how-to etc...)?
>
> Thanks for any and all help. I should also mention that I've tried to
> navigate the various topics in the group and can't seem to make sense
> of it. If you do refer me to previous posts, please let me know how
> to find them.
>
> Take care,
>
> Glen
>

2858. Just purchased a JRC NRD-535D SN. BR57667

Yahoo group: nrd-525-535
Date: 2013-12-27 11:50:53 UTC
From: <reece_k1@...>
Topic: 2858 Message: 2858

Hi, I have been a member here of the RACAL 6790/GM group and have just received my first JRC radio, very well built, love the racking system.
I fired up and tested for the EPROM version:
H 91-08
P 91-08
Is this the final version, I do want to use it with a PC. so if I need to update does anyone know where I could purchase the ROMs?
I will have to give it an overhaul, the display looks sort of dirty and the variable resistors are scratchy to rotate so a clean out with an electrical cleaner is mandatory.
Many thanks for any advise,
Reece.

2859. Re: [nrd-525-535] Just purchased a JRC NRD-535D SN. BR57667

Yahoo group: nrd-525-535
Date: 2013-12-27 18:56:06 UTC
From: poldhu1901@...
Topic: 2858 Message: 2859

Hi Reece

Your EPROMS are version E, the final version was H.

Version F did incorporate some fairly significant changes, mainly
extensions to existing commands rather than actual new ones if I remember
correctly, and you'll find a copy of the version F command set in the group files
section.
I don't think much changed after F, I do recall that at least one control
program required version H but don't know why, and don't know whether or
not G was ever made available.
I upgraded mine from E to F many years ago and that went OK but obviously
if you're doing it anyway you might as well go straight to H.

You'll also find several previous discussions on this in the group message
archives, including the EPROM version numbers for the F and H EPROM sets,
which I don't have to hand right now.

I don't know if there's anyone still supplying programmed EPROMs but I can
let you have a copy of the version H binaries if you're able to program
your own.

Instructions on changing the EPROMS can be found here.....

http://www.keesvanengelen.nl/eprom.html

Regards

Nigel
GM8PZR

In a message dated 27/12/2013 11:50:57 GMT Standard Time,
reece_k1@... writes:

Hi, I have been a member here of the RACAL 6790/GM group and have just
received my first JRC radio, very well built, love the racking system.
I fired up and tested for the EPROM version:
H 91-08
P 91-08
Is this the final version, I do want to use it with a PC. so if I need to
update does anyone know where I could purchase the ROMs?
I will have to give it an overhaul, the display looks sort of dirty and
the variable resistors are scratchy to rotate so a clean out with an
electrical cleaner is mandatory.
Many thanks for any advise,
Reece.

2860. Re: [nrd-525-535] Just purchased a JRC NRD-535D SN. BR57667

Yahoo group: nrd-525-535
Date: 2013-12-28 01:07:31 UTC
From: Reece Kempe
Topic: 2858 Message: 2860

Thanks for the info Nigel. I would prefer to get them made up if someone here could do it, however failing that I could purchase the 27C256 EPROMs and try programming them.
If I could get a copy of the bin files I would really appreciate it.
Cheers

Reece.

On Saturday, 28 December 2013 5:26 AM, "poldhu1901@..." <poldhu1901@...> wrote:

Hi Reece

Your EPROMS are version E, the final version was H.

Version F did incorporate some fairly significant changes, mainly
extensions to existing commands rather than actual new ones if I remember
correctly, and you'll find a copy of the version F command set in the
group files section.
I don't think much changed after F, I do recall that at least one
control program required version H but don't know why, and don't know
whether or not G was ever made available.
I upgraded mine from E to F many years ago and that went OK but obviously
if you're doing it anyway you might as well go straight to H.

You'll also find several previous discussions on this in the group message
archives, including the EPROM version numbers for the F and H EPROM sets, which
I don't have to hand right now.

I don't know if there's anyone still supplying programmed EPROMs but I can
let you have a copy of the version H binaries if you're able to program your
own.

Instructions on changing the EPROMS can be found here.....

http://www.keesvanengelen.nl/eprom.html

Regards

Nigel
GM8PZR

In a message dated 27/12/2013 11:50:57 GMT Standard Time,
reece_k1@... writes:

>Hi, I have been a member here of the RACAL 6790/GM group and have just received my first JRC radio, very well built, love the racking system.
>I
fired up and tested for the EPROM version:
>H 91-08

>P 91-08
>Is this
the final version, I do want to use it with a PC. so if I need to update does anyone know where I could purchase the ROMs?
>I will have to give it an
overhaul, the display looks sort of dirty and the variable resistors are scratchy to rotate so a clean out with an electrical cleaner is mandatory.
>Many thanks for any advise,
>Reece.

2861. Re: [nrd-525-535] Just purchased a JRC NRD-535D SN. BR57667

Yahoo group: nrd-525-535
Date: 2013-12-28 09:55:40 UTC
From: poldhu1901@...
Topic: 2858 Message: 2861

Hi Reece

I just checked and the H binaries are also in the group files section.

I had problems getting in, Yahoo "Neo" screwing up Firefox again due to truncated paths, but hopefully this link will be ok....

http://groups.yahoo.com/neo/groups/nrd-525-535/files/NRD-535%20H%20Eproms/

I've compared these with what I have and the files are identical.

If you do have problems let me know and I'll email them direct.

Regards

Nigel
GM8PZR

In a message dated 28/12/2013 01:07:34 GMT Standard Time,
reece_k1@yahoo.com.au writes:

Thanks for the info Nigel. I would prefer to get them made up if someone here could do it, however failing that I could purchase the 27C256 EPROMs and try programming them.
If I could get a copy of the bin files I would really appreciate it.
Cheers

Reece.

On Saturday, 28 December 2013 5:26 AM, "poldhu1901@..."
<poldhu1901@aol.com> wrote:

Hi Reece

Your EPROMS are version E, the final version was H.

Version F did incorporate some fairly significant changes, mainly extensions to existing commands rather than actual new ones if I remember correctly, and you'll find a copy of the version F command set in the group files section.
I don't think much changed after F, I do recall that at least one control program required version H but don't know why, and don't know whether or not G was ever made available.
I upgraded mine from E to F many years ago and that went OK but obviously if you're doing it anyway you might as well go straight to H.

You'll also find several previous discussions on this in the group message archives, including the EPROM version numbers for the F and H EPROM sets, which I don't have to hand right now.

I don't know if there's anyone still supplying programmed EPROMs but I can let you have a copy of the version H binaries if you're able to program your own.

Instructions on changing the EPROMS can be found here.....

http://www.keesvanengelen.nl/eprom.html

Regards

Nigel
GM8PZR

In a message dated 27/12/2013 11:50:57 GMT Standard Time,
reece_k1@... writes:

Hi, I have been a member here of the RACAL 6790/GM group and have just received my first JRC radio, very well built, love the racking system.
I fired up and tested for the EPROM version:
H 91-08
P 91-08
Is this the final version, I do want to use it with a PC. so if I need to update does anyone know where I could purchase the ROMs?
I will have to give it an overhaul, the display looks sort of dirty and the variable resistors are scratchy to rotate so a clean out with an electrical cleaner is mandatory.
Many thanks for any advise,
Reece.

2862. For Sale JRC NRD 535D

Yahoo group: nrd-525-535
Date: 2013-12-28 22:29:02 UTC
From: Patrick Kane
Topic: 2862 Message: 2862
Attachments: 1 described; binary payloads are missing from this source WARC

I have a NRD 535D for sale in nice original condition. All controls work as designed and there arte no shortcomings or issues. The front panel still appears to be very nice and shows minimal signs of wear. The NRD 535D comes with original owner's manual, power cord and a white paper review from Int'l Broadcasting Services, Ltd.
Patrick J. Kane

2863. NRD545 to sale

Yahoo group: nrd-525-535
Date: 2013-12-28 22:44:54 UTC
From: joseph
Topic: 2863 Message: 2863

I sell a excellent NRD545 as new http://www.2ememain.be/marche/2/nrd545/?locale=all

Regards
Joseph

2864. RE: Just purchased a JRC NRD-535D SN. BR57667

Yahoo group: nrd-525-535
Date: 2013-12-29 22:46:09 UTC
From: <reece_k1@...>
Topic: 2858 Message: 2864

Hi Nigel, I thought I sent a response but it doesn't show!!
Thanks, the link worked fine, all I have to do is find some EPROMs and burn them!! (that's all!!!)
Cheers,
Reece.

2865. Pietro - HB9RXC

Yahoo group: nrd-525-535
Date: 2013-12-30 06:46:47 UTC
From: <j.hafele@...>
Topic: 2865 Message: 2865

Good evening,
New member here for second time around. I was a prior member and a previous NRD-535D owner at the time. I have since taken possession of another NRD-535D.
Does anyone know the whereabouts of Pietro, HB9RXC ? He was very active in this group when I was a previous member and was so helpful to many members, as well as, myself. Does anyone know why it is no longer possible to access his website(s) ?
I am very interested in obtaining his RxCommander software again if it is available.
Can anyone shed any light on this subject ? I would truly appreciate any info that may be out there concerning Pietro and/or his software. Thanks so much for any help that can be provided.. Very best regards,
..... John, WA1NLJ

2866. RXCommander-6.5

Yahoo group: nrd-525-535
Date: 2013-12-30 08:40:14 UTC
From: <j.hafele@...>
Topic: 2866 Message: 2866

Thanks to the member that linked me to the RXCommander software website via a rather roundabout method. I would like to publicly acknowledge his effort but it was through a personal email message with nothing but the unpublished link and no name attached. However, thanks so much !
..... John.

2867. 535 EPROM type

Yahoo group: nrd-525-535
Date: 2013-12-30 09:03:56 UTC
From: <reece_k1@...>
Topic: 2867 Message: 2867

I am having trouble trying to find/locate the type of EPROM's that will be ok for the 535. Would M27C256B-12FI chips be ok?
Does anyone use the Topwin6 burner? if yes what is the correct one to use, the only ones listed for the chip above is:
Am27C256-12.75V
NM27C256-12.7V

2868. Re: [nrd-525-535] 535 EPROM type

Yahoo group: nrd-525-535
Date: 2013-12-30 10:34:04 UTC
From: poldhu1901@...
Topic: 2867 Message: 2868

Hi Reece

I can't advise on what would be the correct Eprom type, whilst I've still got the "E" Eprom set I removed from my 535 it's not accessible right now, but unless anyone else can help I would suggest you lift the label from one of your existing Eproms to identify what's already fitted and then try to find an exact replacement.

In general terms though I think it's more the programming than the reading that tends to be an issue so I would guess, but it is just a guess, that if you can program the software into any other Eprom with the same architecture, pinout, and supply requirements, you'd probably be ok.

Regards

Nigel
GM8PZR

In a message dated 30/12/2013 09:04:00 GMT Standard Time,
reece_k1@....au writes:

I am having trouble trying to find/locate the type of EPROM's that will be ok for the 535.
Would M27C256B-12FI chips be ok?
Does anyone use the Topwin6 burner? if yes what is the correct one to use, the only ones listed for the chip above is:
Am27C256-12.75V
NM27C256-12.7V

2869. Re: [nrd-525-535] 535 EPROM type

Yahoo group: nrd-525-535
Date: 2013-12-30 10:44:34 UTC
From: kkyahoo
Topic: 2867 Message: 2869

The original eproms in my 535 are both TMS 27C256-120JL, i.e. Texas 256k 120nS devices, your eprom suggestion would be ok and I have used the topwin 6, it is very good. Check the data sheet on the web for the eprom that you have suggested, find out what the programming voltage is and choose the AM or NM option on the Topwin to be the closest match. I am guessing that you will have no problem with either of these.

Kevin

----- Original Message -----
From: reece_k1@...
To: nrd-525-535@yahoogroups.com
Sent: Monday, December 30, 2013 9:03 AM
Subject: [nrd-525-535] 535 EPROM type

I am having trouble trying to find/locate the type of EPROM's that will be ok for the 535. Would M27C256B-12FI chips be ok?
Does anyone use the Topwin6 burner? if yes what is the correct one to use, the only ones listed for the chip above is:
Am27C256-12.75V
NM27C256-12.7V

2870. Re: Re: [nrd-525-535] 535 EPROM type

Yahoo group: nrd-525-535
Date: 2013-12-30 15:39:08 UTC
From: pietro.bossi@bluewin.ch
Topic: 2867 Message: 2870

Hi Group !
If anyone is looking for JRC-535 eeprom info please see my pages here:
http://hb9rxc.homeip.net/gallery/thumbnails.php?album=3
In case please contact me PM !
Season greetings de HB9RXC / Pietro
---- Messaggio originale ----
Da : kkyahoo@...
Data : 30/12/2013 - 11:44 (WEST)
A : nrd-525-535@yahoogroups.com
Oggetto : Re: [nrd-525-535] 535 EPROM type

?
The original eproms in my 535 are both TMS 27C256-120JL, i.e.
Texas 256k 120nS devices, your eprom suggestion would be ok and I have
used the topwin 6, it is very good. Check the data sheet on the web for the
eprom that you have suggested, find out what the programming voltage is and
choose the AM or NM option on the Topwin to be the closest match. I am guessing
that you will have no problem with either of these.
Kevin

----- Original Message -----

From:
reece_k1@...

To: nrd-525-535@yahoogroups.com

Sent: Monday, December 30, 2013 9:03
AM

Subject: [nrd-525-535] 535 EPROM
type

I am having trouble trying to find/locate the type of EPROM's that will be
ok for the 535.
Would M27C256B-12FI chips be ok?
Does anyone use the
Topwin6 burner? if yes what is the correct one to use, the only ones listed
for the chip above is:
Am27C256-12.75V
NM27C256-12.7V

2871. Ebay NRD525

Yahoo group: nrd-525-535
Date: 2014-01-06 23:14:09 UTC
From: B. Thessy
Topic: 2871 Message: 2871

I wonder if the needed part for this is available, or maybe a substitute?

http://www.ebay.com/itm/261368714254?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649#ht_417wt_922

2872. Re: [nrd-525-535] Ebay NRD525

Yahoo group: nrd-525-535
Date: 2014-01-07 00:39:32 UTC
From: poldhu1901@...
Topic: 2871 Message: 2872

Possibly, but difficult to be sure without having the unit and checking exactly what the damage is.

The rotary encoder itself is listed in the NRD525 service manual as having the type number RES20-50-200-B but if there was a significant impact then it's possible there could be knock on damage to the PCB behind the front panel, even possible the encoder could be ok but perhaps some PCB track torn etc etc.

It's all a bit of an unknown really at this stage, although it does seem to be otherwise ok so probably a reasonable chance of repair, but it also depends on the normal selling price of a 525 in the US and whether or not based on that you'd consider $400 on this one to be a good gamble.

Regards

Nigel
GM8PZR

In a message dated 06/01/2014 23:17:16 GMT Standard Time, bthessy@...m writes:

I wonder if the needed part for this is available, or maybe a substitute?

http://www.ebay.com/itm/261368714254?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649#ht_417wt_922

2873. RE: [nrd-525-535] Ebay NRD525

Yahoo group: nrd-525-535
Date: 2014-01-07 01:01:33 UTC
From: Jon & Jan
Topic: 2871 Message: 2873

If the radio was dropped, the tuning shaft may have been driven into, and, wrecked the rotary encoder. Bad news. But, it is

possible that a knob is all it needs ... they are often available, esp. at the European sites.

Jon KØFOP

-----Original Message-----
From: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] On Behalf Of B. Thessy
Sent: Monday, January 06, 2014 4:14 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Ebay NRD525

I wonder if the needed part for this is available, or maybe a substitute?

http://www.ebay.com/itm/261368714254?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649#ht_417wt_922

2874. Re: [nrd-525-535] Ebay NRD525

Yahoo group: nrd-525-535
Date: 2014-01-07 01:58:56 UTC
From: Frank DeMarco
Topic: 2871 Message: 2874

And just what is the usual selling price of a NRD525? I've got one in excellent condition that I'm thinking of selling.
 Works perfectly, no problems.   /Frank

On Monday, January 6, 2014 8:01 PM, Jon & Jan <springertool@...> wrote:

>If the radio was dropped, the tuning shaft
may have been driven into, and, wrecked the rotary encoder. Bad news.
But, it is
>possible that a knob is all it needs ...
they are often available, esp. at the European sites.
>
>Jon KØFOP
>
>-----Original Message-----
>From: nrd-525-535@yahoogroups.com
[mailto:nrd-525-535@yahoogroups.com] On
Behalf Of B. Thessy
>Sent: Monday, January 06, 2014
4:14 PM
>To: nrd-525-535@yahoogroups.com
>Subject: [nrd-525-535] Ebay NRD525
>
>
>I wonder if the needed part for this is available, or
maybe a substitute?
>
>http://www.ebay.com/itm/261368714254?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649#ht_417wt_922
>
>
>

2875. KIWA Electronics - no response.

Yahoo group: nrd-525-535
Date: 2014-01-15 03:22:07 UTC
From: <reece_k1@...>
Topic: 2875 Message: 2875

Does anyone here know if KIWA Electronics is still operating? I sent an email on the 9th but have had no response.
Maybe they have closed for seasonal holidays.

2876. RE: KIWA Electronics - no response.

Yahoo group: nrd-525-535
Date: 2014-01-15 21:43:46 UTC
From: <bsaylor@...>
Topic: 2875 Message: 2876

I sent an email to Craig Siegenthaler at Kiwa on January 3 and received a quick response. He mentioned that he had a big order he was working on in January and wouldn't be able to work on my radio until the end of the month. Perhaps he's too swamped to respond to email right now.

Brett Saylor
N3EVB

2877. RE: KIWA Electronics - no response.

Yahoo group: nrd-525-535
Date: 2014-01-15 23:42:50 UTC
From: <reece_k1@...>
Topic: 2875 Message: 2877

I think I saw the email listed in Mailwasher, when I processed it it was gone!! I'm not having a good day today, have had 4 days here so far with temperatures over 40c, today is supposed to be 45!!! Not nice!!

2878. RE: KIWA Electronics - no response.

Yahoo group: nrd-525-535
Date: 2014-01-17 02:15:57 UTC
From: <bsaylor@...>
Topic: 2875 Message: 2878

My goodness - we had temps here last week of -20c and with windchill made it -30c! We must be on opposite sides of the earth!

Brett

---In nrd-525-535@yahoogroups.com, <reece_k1@...> wrote:

I think I saw the email listed in Mailwasher, when I processed it it was gone!! I'm not having a good day today, have had 4 days here so far with temperatures over 40c, today is supposed to be 45!!! Not nice!!

2879. RE: KIWA Electronics - no response.

Yahoo group: nrd-525-535
Date: 2014-01-17 03:52:54 UTC
From: <reece_k1@...>
Topic: 2875 Message: 2879

Hi Brett, yes we are in the Mid North of South Australia near Burra, another 42c degrees today, supposed to be a cool change late today bringing the next week of temps between the low to mid 30's.
Had some nasty bush fires during this last week. Where are you roughly?

KIWA re-sent the email and I have now paid for the following upgrades for the 535:
audio upgrade
ultimate rejection filter upgrade
ultimate rejection inductor upgrade and FET driver
AGC mod
I also have the latest revision H EPROM's in transit.
I received the radio for Christmas but haven't actually tried it out yet, looking forward to the day!!!
Cheers.
Reece.

2880. (no subject)

Yahoo group: nrd-525-535
Date: 2014-01-24 14:06:55 UTC
From: John Crawford
Topic: 2880 Message: 2880

Hello out there and thanks for letting me join the group.
Although I have been into radio for most of my adult life I've been dealing with vintage tabletop AM/FM/Shortwave sets. The JRC is the first of it's type that I got and so it is going to be my focus. I need help with having someone suggest a good "indoor" antenna for me to start off with. It's way too cold to be outside stringing one for outdoors. Any suggestions would be most appreciated.
Thanks again,
John

2881. Re: [nrd-525-535] (unknown)

Yahoo group: nrd-525-535
Date: 2014-01-24 18:13:54 UTC
From: Frank DeMarco
Topic: 2880 Message: 2881

If you can find one, I would suggest the British-made DATONG indoor antenna. I don't know if they are still around.
I have used one in my Manhattan high-rise "shack" for years with good results. Otherwise, check out Universal Shortwave.
They have a good selection of indoor antennas. An 'active' antenna with it's own pre-amp works best. 73's, frank

On Friday, January 24, 2014 9:07 AM, John Crawford <pelikan1099@yahoo.com> wrote:

>Hello out there and thanks for letting me join the group.
>Although I have been into radio for most of my adult life I've been dealing with vintage tabletop AM/FM/Shortwave sets. The JRC is the first of it's type that I got and so it is going to be my focus. I need help with having someone suggest a good "indoor" antenna for me to start off with. It's way too cold to be outside stringing one for outdoors. Any suggestions would be most appreciated.
>Thanks again,
>John
>
>
>

2882. Re: [nrd-525-535] (unknown)

Yahoo group: nrd-525-535
Date: 2014-01-28 23:00:16 UTC
From: <pelikan1099@...>
Topic: 2880 Message: 2882

Thanks for the information. I'll look into it right away.
Stay warm....
John

2883. Re: Re: [nrd-525-535] 535 EPROM type

Yahoo group: nrd-525-535
Date: 2014-01-30 04:00:41 UTC
From: <reece_k1@...>
Topic: 2867 Message: 2883

I have now changed my EPROM's to version H, the following is displayed:
H 93 - 03
P 93 - 03
Many thanks to Pietro for all his help.

Is there a switch on sequence for resetting the radio, I looked through the service and operations manuals but can't find anything. (maybe I'm blind!!)

2884. 535 Noise Blanker

Yahoo group: nrd-525-535
Date: 2014-01-31 00:55:25 UTC
From: <reece_k1@...>
Topic: 2884 Message: 2884

I am giving this radio a test and find that the second half of NB-2 level control is just a mess of static in all modes, not usable at all, is this normal?
Is there some sort of BITE test or startup sequence to reset internal settings?

2885. Re: [nrd-525-535] 535 Noise Blanker

Yahoo group: nrd-525-535
Date: 2014-01-31 01:09:57 UTC
From: Brian Denley
Topic: 2884 Message: 2885

It's normal. The Noise Blanker only works on pulsing type noise, not static or wideband noise. The 535 has 2 NBs and a level control. The first one (NB 1) is the one you will use most of the time while NB 2 is for wider pulse noise (like the old Soviet OTH radar). You adjust the level just high enough to kill the pulse noise but if you adjust it higher, it will seriously degrade the audio. The NB is very effective for auto ignition type noise for example.

Brian KB1VBF

Sent from my iPad

> On Jan 30, 2014, at 7:55 PM, <reece_k1@...> wrote:
>
> I am giving this radio a test and find that the second half of NB-2 level control is just a mess of static in all modes, not usable at all, is this normal?
> Is there some sort of BITE test or startup sequence to reset internal settings?
>
>

2886. Re: [nrd-525-535] 535 Noise Blanker

Yahoo group: nrd-525-535
Date: 2014-01-31 03:15:50 UTC
From: Bill Cotter
Topic: 2884 Message: 2886

Reece,

The NB-1 position is very effective for blanking
the annoying electric fence rhythmic popping I
get from the farms around here in Central KY.
Ditto for electrical switching pops and clicks from the utility lines.

Neither blanker position is good for atmospheric or space noise.

73 Bill N4LG

At 08:09 PM 1/30/2014, you wrote:
>
>
>It's normal. The Noise Blanker only works on
>pulsing type noise, not static or wideband
>noise. The 535 has 2 NBs and a level
>control. The first one (NB 1) is the one you
>will use most of the time while NB 2 is for
>wider pulse noise (like the old Soviet OTH
>radar). You adjust the level just high enough
>to kill the pulse noise but if you adjust it
>higher, it will seriously degrade the
>audio. The NB is very effective for auto
>ignition type noise for example.
>
>Brian KB1VBF
>
>Sent from my iPad
>
>On Jan 30, 2014, at 7:55 PM,
><<mailto:reece_k1@...>reece_k1@...> wrote:
>
>>
>>
>>I am giving this radio a test and find that the
>>second half of NB-2 level control is just a
>>mess of static in all modes, not usable at all, is this normal?
>>Is there some sort of BITE test or startup
>>sequence to reset internal settings?
>

2887. RE: 535 Noise Blanker

Yahoo group: nrd-525-535
Date: 2014-01-31 07:55:18 UTC
From: <reece_k1@...>
Topic: 2884 Message: 2887

Thanks for for that, I was thinking my radio has a fault.

2888. Re: [nrd-525-535] 535 Noise Blanker

Yahoo group: nrd-525-535
Date: 2014-01-31 08:47:15 UTC
From: poldhu1901@...
Topic: 2884 Message: 2888

See the Z command for reset, options.....

Z1 -- Clear all memory channels

Z2 -- Reset user definitions to default

Z3 -- Total reset, does both the above.

This is in the user manual and also in the "F" Eprom set command list I uploaded to the group files area some time ago, I'm not aware of anything that does any more than the above.

Regards

Nigel
GM8PZR

In a message dated 31/01/2014 00:55:29 GMT Standard Time, reece_k1@yahoo.com.au writes:

I am giving this radio a test and find that the second half of NB-2 level control is just a mess of static in all modes, not usable at all, is this normal?
Is there some sort of BITE test or startup sequence to reset internal settings?

2889. Re: [nrd-525-535] 535 Noise Blanker

Yahoo group: nrd-525-535
Date: 2014-01-31 22:50:15 UTC
From: <reece_k1@...>
Topic: 2884 Message: 2889

Thanks Nigel, I overlooked that section, I thought it was in reference to the RS232 commands!!!

2890. 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-02-01 05:51:18 UTC
From: <reece_k1@...>
Topic: 2890 Message: 2890

Using some RG178 50 ohm coax I connected a line from the P31-1 and P29-1 motherboard track to a BNC connector. The take off from this point didn't seem to effect the radio's performance in any way. I then connected this to an RTL2832U dongle using HDSDR but get nothing. I assume that I will probably need a buffer amp such as the Clifton Labs Z10000B. Has anyone tried using this radio with a panadapter setup? Seems that the 70.455Mhz tap here would be the only point with a reasonable wide bandwidth.
Any advice appreciated.

Reece.

2891. Re: [nrd-525-535] 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-02-01 08:52:41 UTC
From: poldhu1901@...
Topic: 2890 Message: 2891

Hi Reece

Glad to hear you found the reset info, I wasn't sure if you'd already seen that and was looking for something a bit more drastic but I suspect that's all there is on the 535.

With your tap off point, that certainly seems a logical place to try but I too would be concerned about loading.
When you say you get "nothing", do you mean there's just nothing shown via the dongle or do you also lose reception via the 535?
I wouldn't expect just adding the coax and connector to have too much effect on the 535 but wouldn't be surprised if hanging the low impedance dongle input on the end then loaded down the signal out of the first mixer.
I would certainly expect some loading effect, even if the 535 was still functioning ok, but I suppose the AGC could mask that to a certain extent.

If the 535 seems totally unaffected, and still no obvious signal on the dongle, my first check would be the pick off connection itself, confirm it's on the right pins for example, that the coax ground is good, and that any adapter between the BNC and the dongle is also functioning.
If you definitely have a good connection and the 535 is still operational then I can't understand why you don't see something via the dongle, if anything I would expect it to be heavily overloaded given the signal level out of the first mixer compared with the microvolt levels it would be expecting, so it might also be worth checking that it's not just being driven into hard overload.

If you do lose reception via the 535 itself then that's probably a bit more straightforward and a buffer amp sounds like a reasonable solution, again make sure the signal is at a suitable level to feed the dongle.
Jack Smith has lots of useful information on his Clifton Labs site and I'm sure he'd be happy to advise.

Another option might be to just use a few turns, or even a single turn, as a coupling loop adjacent to the first mixer with no direct connection. I think the mixer components might be in a screened box which could make this a bit tricky but if there are any tuning holes in the cover that could be an access point.

As to what you might expect, whilst this is likely to be the widest bandwidth pick off point in the 535 its front end by default uses tuned input filters specifically to restrict the input bandwidth, section 6.2 in the service manual describes this, which is to be preferred in order to reduce out of band interference and overload but not ideal for your intended purpose.

However, user definition 2, or U1 if using the serial interface commands, does allow the front end tuned filters to be bypassed, which should be

better suited to what you want to do but might then cause reduced front end performance.
Any observable effect though would depend very much on your local signal environment so both that and what bandwidth you might end up with are going to be well and truly in the suck it and see bracket:-)

If you do get this up and running I'd be very interested to hear how it performs, both with and without the tuned filters in circuit.

Regards

Nigel
GM8PZR

In a message dated 01/02/2014 05:51:24 GMT Standard Time,
reece_k1@... writes:

Using some RG178 50 ohm coax I connected a line from the P31-1 and P29-1 motherboard track to a BNC connector. The take off from this point didn't seem to effect the radio's performance in any way. I then connected this to an RTL2832U dongle using HDSDR but get nothing. I assume that I will probably need a buffer amp such as the Clifton Labs Z10000B.
Has anyone tried using this radio with a panadapter setup? Seems that the 70.455Mhz tap here would be the only point with a reasonable wide bandwidth.
Any advice appreciated.

Reece.

2892. Re: [nrd-525-535] 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-02-01 11:06:47 UTC
From: <reece_k1@...>
Topic: 2890 Message: 2892

Hi Nigel, When I say I get nothing I have used the dongle on another radio and that works ok with HDSDR. This 535's IF displays nothing, just some slight noise, the radio itself receives fine, doesn't seem to cause any problems.
The connection on the underside of the motherboard (pin 1 of the CFL-287 track to pin 1 of the FH-36A) is fine and this terminates to a BNC panel adapter, a BNC to BNC cable connects this to the dongle antenna, all connections are fine.
An overloading problem could be the case, HDSDR does have a slider for the RF input, this will take the signal down to basically a flat line, a CRO would be handy about now!!!
I will have a closer look at the mixer to see if I can get easy access for testing.
I am now aware of definition 2 thanks to you, I will bear this in mind.
Time to think a bit more on this.
Cheers

Reece

2893. Re: [nrd-525-535] 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-02-02 06:19:36 UTC
From: <reece_k1@...>
Topic: 2890 Message: 2893

Hi Nigel, I thought it over and concluded that I should have got some sort of response in HDSDR so I checked the cables and as it turns out the BNC cable that had previously worked on another radio was now stuffed!!!
The center pin was pushed in, I think the BNC panel connector being new, was a tight fit and pushed the plugs pin into the shroud.
The test was a success!! though the connection drags the IF line down and the radio's signal becomes weak, the 'S' meter shows a drop from say 8 units down to 2 and naturally the overall signal is poor. On the SDR side of things it works very well and the IF bandwidth seems to be around 1Mhz wide - Nice!!!
Here is a screenshot:
http://i66.photobucket.com/albums/h244/Reecehk/HDSDRwithNRD-535_zps85db1543.jpg
I have ordered a Buffer amp and will wait till that is installed before preceding.
There is rig control for the NRD-535 using Omnirig, will be interesting to see how that goes.

2894. Re: [nrd-525-535] 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-02-02 11:20:47 UTC
From: poldhu1901@...
Topic: 2890 Message: 2894

Nice indeed, congratulations!

Your findings now are certainly more in line with what I would have expected and it will be interesting to see how the dongle copes with the higher signal from the buffer.

Was that screenshot taken with the input filters bypassed or in circuit?

Regards

Nigel
GM8PZR

In a message dated 02/02/2014 06:19:40 GMT Standard Time, reece_k1@... writes:

Hi Nigel, I thought it over and concluded that I should have got some sort of response in HDSDR so I checked the cables and as it turns out the BNC cable that had previously worked on another radio was now stuffed!!!
The center pin was pushed in, I think the BNC panel connector being new, was a tight fit and pushed the plugs pin into the shroud.
The test was a success!! though the connection drags the IF line down and the radio's signal becomes weak, the 'S' meter shows a drop from say 8 units down to 2 and naturally the overall signal is poor. On the SDR side of things it works very well and the IF bandwidth seems to be around 1Mhz wide - Nice!!!
Here is a screenshot:
http://i66.photobucket.com/albums/h244/Reecehk/HDSDRwithNRD-535_zps85db1543.jpg
I have ordered a Buffer amp and will wait till that is installed before preceding.
There is rig control for the NRD-535 using Omnirig, will be interesting to see how that goes.

2895. RE: 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-02-02 12:10:54 UTC
From: <reece_k1@...>
Topic: 2890 Message: 2895

I haven't altered the 'Front-End Tuning Filters', the default is set (Filter Enabled).
I got this back from Clifton Laboratories after sending Jack a copy of the RF Tune & IF schematics:

Looks like the only reasonable IF tap point is the roofing filter input, i.e., P31-1 or P29-1 -- This appears to be a lower impedance point than the crystal filter side of T1 - i.e., pin 1. You can't easily connect to the mixer output directly, as it is balanced and hence P31-1/P29-1 is about your only choice.

In this case, the buffer amplifier should be located very close physically to the connection point so that the cable between the connection point and the buffer amplifier input can be 1" or 2" at most in length.
The assembled Z10000B buffer amplifier PCB, set for 4 dB gain.

Jack K8ZOA

---In nrd-525-535@yahoogroups.com, <poldhu1901@...> wrote:

Nice indeed, congratulations!

Your findings now are certainly more in line with what I would have expected and it will be interesting to see how the dongle copes with the higher signal from the buffer.

Was that screenshot taken with the input filters bypassed or in circuit?

Regards

Nigel
GM8PZR

In a message dated 02/02/2014 06:19:40 GMT Standard Time, reece_k1@... writes:
Hi Nigel, I thought it over and concluded that I should have got some sort of response in HDSDR so I checked the cables and as it turns out the BNC cable that had previously worked on another radio was now stuffed!!!
The center pin was pushed in, I think the BNC panel connector being new, was a tight fit and pushed the plugs pin into the shroud.
The test was a success!! though the connection drags the IF line down and the radio's signal becomes weak, the 'S' meter shows a drop from say 8 units down to 2 and naturally the overall signal is poor. On the SDR side of things it works very well and the IF bandwidth seems to be around 1Mhz wide - Nice!!!
Here is a screenshot:
http://i66.photobucket.com/albums/h244/Reecehk/HDSDRwithNRD-535_zps85db1543.jpg
I have ordered a Buffer amp and will wait till that is installed before preceding.
There is rig control for the NRD-535 using Omnirig, will be interesting to see how that goes.

2896. Re: [nrd-525-535] RE: 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-02-03 00:21:31 UTC
From: poldhu1901@...
Topic: 2890 Message: 2896

That sounds reasonable.

It's a while since I've had the bottom off my 535 so you'll know better
than me whether or not the 1" to 2" max is feasible.
I'd certainly recommend as short as possible but if it has to be a bit
longer I don't suppose it would be the end of the world, just try to keep the
unscreened exposed inner of the coax at the pick off point as short as
possible.
If there was the possibility of getting the buffer amp into a screened box,
even at the expense of longer leads, that might be worth considering too
but for starters I'd certainly just hang it as close as possible and worry
about the details once it's confirmed as working.

Still looking forward to seeing what you get with the filters bypassed:-)

regards

Nigel
GM8PZR

In a message dated 02/02/2014 23:54:58 GMT Standard Time,
reece_k1@... writes:

I haven't altered the 'Front-End Tuning Filters', the default is set
(Filter Enabled).
I got this back from Clifton Laboratories after sending Jack a copy of the
RF Tune & IF schematics:

Looks like the only reasonable IF tap point is the roofing filter input,
i.e., P31-1 or P29-1 -- This appears to be a lower impedance point than the
crystal filter side of T1 - i.e., pin 1. You can't easily connect to the
mixer output directly, as it is balanced and hence P31-1/P29-1 is about your
only choice.

In this case, the buffer amplifier should be located very close physically
to the connection point so that the cable between the connection point and
the buffer amplifier input can be 1" or 2" at most in length.
The assembled Z10000B buffer amplifier PCB, set for 4 dB gain.

Jack K8ZOA

---In nrd-525-535@yahoogroups.com, <poldhu1901@...> wrote:

Nice indeed, congratulations!

Your findings now are certainly more in line with what I would have
expected and it will be interesting to see how the dongle copes with the higher
signal from the buffer.

Was that screenshot taken with the input filters bypassed or in circuit?

Regards

Nigel
GM8PZR

In a message dated 02/02/2014 06:19:40 GMT Standard Time, reece_k1@...
writes:

Hi Nigel, I thought it over and concluded that I should have got some sort of response in HDSDR so I checked the cables and as it turns out the BNC cable that had previously worked on another radio was now stuffed!!!
The center pin was pushed in, I think the BNC panel connector being new, was a tight fit and pushed the plugs pin into the shroud.
The test was a success!! though the connection drags the IF line down and the radio's signal becomes weak, the 'S' meter shows a drop from say 8 units down to 2 and naturally the overall signal is poor. On the SDR side of things it works very well and the IF bandwidth seems to be around 1Mhz wide - Nice!!!
Here is a screenshot:
http://i66.photobucket.com/albums/h244/Reecehk/HDSDRwithNRD-535_zps85db1543.jpg
I have ordered a Buffer amp and will wait till that is installed before preceding.
There is rig control for the NRD-535 using Omnirig, will be interesting to see how that goes.

2897. Re: [nrd-525-535] RE: 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-02-03 02:02:19 UTC
From: <reece_k1@...>
Topic: 2890 Message: 2897

The Radio itself doesn't seem to make much difference probably due to the weakened IF being pulled down however the signals on the SDR screen are a little stronger with the filters disabled. I took a snapshot with the filters enabled:
http://i66.photobucket.com/albums/h244/Reecehk/FiltersEnabled_zps3b5932e1.jpg
Then I bypassed the filters (parameter 2 set to 0):
http://i66.photobucket.com/albums/h244/Reecehk/FiltersDisabled_zps8f43dc5a.jpg

The bottom of the motherboard had a large ground area right next to the track and there is about 15mm clearance from the bottom cover, more than enough for the buffer amp to be mounted with a metal can. Also easy access to the rear panel for a panel mount BNC connector.
I would like to try this with Omnirig or even HRD but I'd best wait for the Buffer Amp, in the meantime I have yet to make a serial cable and I must try out Pietro's RXCommander.

2898. Re: [nrd-525-535] RE: 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-02-03 09:30:45 UTC
From: poldhu1901@...
Topic: 2890 Message: 2898

Fine on the available space, everything seems to be looking good so far.

It's commented in both the 525 and 535 manuals that bypassing the input filters should help increase sensitivity, so what you're seeing is in line with that.

What I'm more interested in though is the bandwidth available at that pick off point, both with and without the filters in circuit.
I'm finding your screenshots a bit hard to follow, probably because I'm not familiar with using HDSDR with what seems to be an offset enabled to show tuned frequency rather than actual and with a span that doesn't look wide enough to show the limits of the input signal.

I wouldn't worry about it too much now, probably best to wait until the buffer amp is installed and you're happy with that, but it would be nice to see a plot with HDSR just running in native mode and displaying the actual first IF frequency whilst running at a bandwidth that can give a better idea of the limits.

Whether or not you can find a busy enough band segment on HF these days that's also wide enough to carry out the experiment is another issue, I doubt that I could here, so perhaps it might need a signal generator or some form of wideband noise generator.

Regards

Nigel
GM8PZR

In a message dated 03/02/2014 02:02:21 GMT Standard Time,
reece_k1@... writes:

The Radio itself doesn't seem to make much difference probably due to the weakened IF being pulled down however the signals on the SDR screen are a little stronger with the filters disabled. I took a snapshot with the filters enabled:
http://i66.photobucket.com/albums/h244/Reecehk/FiltersEnabled_zps3b5932e1.jpg
Then I bypassed the filters (parameter 2 set to 0):
http://i66.photobucket.com/albums/h244/Reecehk/FiltersDisabled_zps8f43dc5a.jpg

The bottom of the motherboard had a large ground area right next to the track and there is about 15mm clearance from the bottom cover, more than enough for the buffer amp to be mounted with a metal can. Also easy access to the rear panel for a panel mount BNC connector.
I would like to try this with Omnirig or even HRD but I'd best wait for

the Buffer Amp, in the meantime I have yet to make a serial cable and I must try out Pietro's RXCommander.

2899. Re: [nrd-525-535] RE: 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-02-04 04:43:39 UTC
From: <reece_k1@...>
Topic: 2890 Message: 2899

Hopefully this shows it better, I have set HDSDR to it's maximum bandwidth (about 3Mhz) and taken snapshots.
This is with the default Filters enabled:
http://i66.photobucket.com/albums/h244/Reecehk/BandwidthEnableFilters_zps0e4b6246.jpg
This is with the Filters bypassed:
http://i66.photobucket.com/albums/h244/Reecehk/BandwidthBypassFilters_zps6e5df332.jpg
There is a noticeable difference to the bandwidth. Overall there is roughly 2.4Mhz usable, will be interesting with the buffer installed and shielded. (Hopefully some of the RFI will disappear)

2900. Re: [nrd-525-535] RE: 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-02-04 08:44:16 UTC
From: poldhu1901@...
Topic: 2890 Message: 2900

Nice screen shots, and very interesting, I would have expected to see a more noticeable change than that but I suspect the load on the mixer output is what's dominating at the moment, or perhaps my expectations were just plain greedy:-)

Hanging a wire from the IF input to the outside world, even using coax, certainly increases the risk of injecting spurious signals so there's a very good chance the buffer will make a significant difference and the reverse isolation specs for the Z1000B are very good.

Still looks like you're on to a winner, will be looking forward to the next update.

Regards

Nigel
GM8PZR

In a message dated 04/02/2014 04:43:42 GMT Standard Time,
reece_k1@... writes:

Hopefully this shows it better, I have set HDSDR to it's maximum bandwidth (about 3Mhz) and taken snapshots.
This is with the default Filters enabled:
http://i66.photobucket.com/albums/h244/Reecehk/BandwidthEnableFilters_zps0e4b6246.jpg
This is with the Filters bypassed:
http://i66.photobucket.com/albums/h244/Reecehk/BandwidthBypassFilters_zps6e5df332.jpg
There is a noticeable difference to the bandwidth. Overall there is roughly 2.4Mhz usable, will be interesting with the buffer installed and shielded. (Hopefully some of the RFI will disappear)

2901. Ral code for covers NRD

Yahoo group: nrd-525-535
Date: 2014-02-09 14:09:06 UTC
From: <malet-bernard@...>
Topic: 2901 Message: 2901

Hello to the JRC community
To redo paint bottom and top cover of receiver JRC NRD
What is the exact RAL code forcovers of NRD.?
Thank you in advance for your response
Best regards

2902. Re: [nrd-525-535] Ral code for covers NRD

Yahoo group: nrd-525-535
Date: 2014-02-09 16:33:24 UTC
From: joseph
Topic: 2901 Message: 2902

I found and used a very very close color that I found in a car accessories store

It's the VW-AUDI ANTHRAZITDUNKEL n° L94F

Color bomb for VW-AUDI cars
http://www.ebay.co.uk/itm/Multona-Autolack-Spray-VOLKSWAGEN-AUDI-L94F-Anthrazit-metallic-400ml-/150750938879?pt=Autopflege_Wartung&hash=item231974c6ff

Joseph

Le 9 févr. 2014 à 15:09, <malet-bernard@orange.fr> <malet-bernard@...> a écrit :

Hello to the JRC community

To redo paint bottom and top cover of receiver JRC NRD

What is the exact RAL code forcovers of NRD.?

Thank you in advance for your response

Best regards

2903. Re: [nrd-525-535] Ral code for covers NRD

Yahoo group: nrd-525-535
Date: 2014-02-13 14:09:15 UTC
From: <malet-bernard@...>
Topic: 2901 Message: 2903

Dear Joseph, Thank you for your information.
Best regards

2904. 535D KIWA Mods

Yahoo group: nrd-525-535
Date: 2014-02-17 10:44:23 UTC
From: <reece_k1@...>
Topic: 2904 Message: 2904

Hi all, I have just finished installing the mods, WOW!!! what a difference, the sound quality is superb, quieter background noise and much clearer audio, took a couple of days to complete them all but well worth it.
I love the ECSS, I notice that I have to tune roughly 400Hz higher than the actual frequency of even a strong broadcast station otherwise it starts to howl, this was so before the KIWA mods. Is this normal?

2905. Re: [nrd-525-535] 535D KIWA Mods

Yahoo group: nrd-525-535
Date: 2014-02-18 01:58:57 UTC
From: Brian Denley
Topic: 2904 Message: 2905

That's not normal. Sounds like your sync detector is out alignment.
Brian KB1VBF

Sent from my iPad

> On Feb 17, 2014, at 5:44 AM, <reece_k1@yahoo.com.au> wrote:
>
> Hi all, I have just finished installing the mods, WOW!!! what a difference, the sound quality is superb, quieter background noise and much clearer audio, took a couple of days to complete them all but well worth it.
> I love the ECSS, I notice that I have to tune roughly 400Hz higher than the actual frequency of even a strong broadcast station otherwise it starts to howl, this was so before the KIWA mods. Is this normal?
>
>

2906. RE: 535D KIWA Mods

Yahoo group: nrd-525-535
Date: 2014-02-18 04:03:06 UTC
From: <reece_k1@...>
Topic: 2904 Message: 2906

Hi Brian, yes I adjusted RV1 of the ECSS board (touchy little blighter!!), this morning, anyway it's spot on now, the KIWA mod really improves the ECSS sync, the voice sounds better, less noise and less fade.
I have ordered quality Japanese electrolytics and will replace the remaining ones that the KIWA mod didn't replace. Amazingly hard to find Japanese parts, most are Chinese, big difference in quality though, the Chinese have a life expectancy of around 2000Hrs whilst the Japanese caps (RUBYCON) is 10,000Hrs. Temperature effects these figures but it's still an obvious choice.

Reece

2907. Re: [nrd-525-535] RE: 535D KIWA Mods

Yahoo group: nrd-525-535
Date: 2014-02-19 02:28:45 UTC
From: Brian Denley
Topic: 2904 Message: 2907

Glad to hear you have solved that problem. You will enjoy that receiver.

Brian KB1VBF

Sent from my iPad

> On Feb 17, 2014, at 11:03 PM, <reece_k1@yahoo.com.au> wrote:
>
> Hi Brian, yes I adjusted RV1 of the ECSS board (touchy little blighter!!), this morning, anyway it's spot on now, the KIWA mod really improves the ECSS sync, the voice sounds better, less noise and less fade.
> I have ordered quality Japanese electrolytics and will replace the remaining ones that the KIWA mod didn't replace. Amazingly hard to find Japanese parts, most are Chinese, big difference in quality though, the Chinese have a life expectancy of around 2000Hrs whilst the Japanese caps (RUBYCON) is 10,000Hrs. Temperature effects these figures but it's still an obvious choice.
>
> Reece
>
>

2908. Re: [nrd-525-535] RE: 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-02-20 01:55:04 UTC
From: <reece_k1@...>
Topic: 2890 Message: 2908

UPDATE.
I have just installed the Clifton Labs Z10000b board, mounted it close to J31 Pin 1 (70.455Mhz IF). I decided to make a tin can for it and it just fits snug soldered to the ground plane of the chassis:
http://i66.photobucket.com/albums/h244/Reecehk/535DBufferAmpInstalled_zps40c50473.jpg
http://i66.photobucket.com/albums/h244/Reecehk/535DBufferAmpInstalled_zps40c50473.jpg
BNC mounted on rear panel:
http://i66.photobucket.com/albums/h244/Reecehk/RearPanelIFOut_zps6baf25b7.jpg
http://i66.photobucket.com/albums/h244/Reecehk/RearPanelIFOut_zps6baf25b7.jpg
The circuit seems to have little or no effect to sensitivity, and no RFI. tests with HDSDR shows a wide bandwidth, set to it's maximum of 3.2Mhz:
http://i66.photobucket.com/albums/h244/Reecehk/HDSDRwithbufferamp_zpsd87e2e74.jpg
http://i66.photobucket.com/albums/h244/Reecehk/HDSDRwithbufferamp_zpsd87e2e74.jpg
Now shown with the front end filters bypassed (the full shown bandwidth is active):
http://i66.photobucket.com/albums/h244/Reecehk/HDSDRwithbufferampFilterBypass_zpsea675248.jpg http://i66.photobucket.com/albums/h244/Reecehk/HDSDRwithbufferampFilterBypass_zpsea675248.jpg

2909. Re: [nrd-525-535] RE: 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-02-20 11:11:40 UTC
From: poldhu1901@...
Topic: 2890 Message: 2909

Congratulations on a job very well done and many thanks for sharing it.

Being a lazy bugger I didn't really think I'd ever be persuaded to change from just running an SDR and conventional RX in parallel, but this is very tempting.

I probably won't copy your example on my 535 but after seeing your earlier results I was starting to consider whether or not I could implement something similar on a late 70s just pre microprocessor commercial receiver, obviously without the computer tuning though, and now my soldering finger is really beginning to twitch:-)

Regards

Nigel
GM8PZR

In a message dated 20/02/2014 01:55:07 GMT Standard Time,
reece_k1@yahoo.com.au writes:

UPDATE.
I have just installed the Clifton Labs Z10000b board, mounted it close to J31 Pin 1 (70.455Mhz IF). I decided to make a tin can for it and it just fits snug soldered to the ground plane of the chassis:
http://i66.photobucket.com/albums/h244/Reecehk/535DBufferAmpInstalled_zps40c50473.jpg
BNC mounted on rear panel:
http://i66.photobucket.com/albums/h244/Reecehk/RearPanelIFOut_zps6baf25b7.jpg
The circuit seems to have little or no effect to sensitivity, and no RFI.
tests with HDSDR shows a wide bandwidth, set to it's maximum of 3.2Mhz:
_http://i66.photobucket.com/albums/h244/Reecehk/HDSDRwithbufferamp_zpsd87e2e74.jpg_
(http://i66.photobucket.com/albums/h244/Reecehk/HDSDRwithbufferamp_zpsd87e2e74.jpg)
Now shown with the front end filters bypassed (the full shown bandwidth is active):
http://i66.photobucket.com/albums/h244/Reecehk/HDSDRwithbufferampFilterBypass_zpsea675248.jpg

2910. Joining

Yahoo group: nrd-525-535
Date: 2014-02-27 22:23:40 UTC
From: Scott Lawton
Topic: 2910 Message: 2910

Just joining and connecting

2911. trying to activate accnt.

Yahoo group: nrd-525-535
Date: 2014-02-27 22:44:05 UTC
From: Scott Lawton
Topic: 2911 Message: 2911

[Body unavailable in the source archive]

2912. Cannot activate

Yahoo group: nrd-525-535
Date: 2014-02-27 23:48:37 UTC
From: Scott Lawton
Topic: 2912 Message: 2912

Anybody out there that knows how to activate a new membership? I aways get an error code (404 I believe), and then a redirect right back to the visitors page.

I’ve received confirmation emails and welcome to emails but no success

Whats up?

2913. Re: [nrd-525-535] Cannot activate

Yahoo group: nrd-525-535
Date: 2014-02-28 00:08:47 UTC
From: Dave Vaughan
Topic: 2912 Message: 2913

You are coming through loud and clear!

Dave
On 2/27/2014 6:48 PM, Scott Lawton wrote:
> Anybody out there that knows how to activate a new membership? I aways get an error code (404 I believe), and then a redirect right back to the visitors page.
>
> I?ve received confirmation emails and welcome to emails but no success
>
>
> Whats up?
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>
>
>

2914. RE: Cannot activate

Yahoo group: nrd-525-535
Date: 2014-02-28 01:40:00 UTC
From: <toptyp19@...>
Topic: 2912 Message: 2914

You have landed on Tralfamadore and you are welcome.

2916. Another New Member

Yahoo group: nrd-525-535
Date: 2014-03-25 16:10:26 UTC
From: <ljpolt@...>
Topic: 2916 Message: 2916

I also recently joined this group, and as with the previous poster am an active practicing attorney. A former ham many years ago (K3JTP) who in recent years renewed my interest in utility SW, mostly civil and military aviation and agencies. Not much into ALE or other digital modes. My present set-up consists of ICOM R75 and R7100, and Drake R8A, and I am on the lookout for a suitable 535D or 535 with mods to complete my "collection". I subscribe to several Yahoo user groups, and occasionally post an item if I hear anything interesting or unusual. Thanks for letting me join you all.
Leslie J. Polt, Esq. |
Baltimore, MD

2917. Hello...tuning speed on 525, old question I bet

Yahoo group: nrd-525-535
Date: 2014-03-25 23:45:12 UTC
From: <vacuumshop@...>
Topic: 2917 Message: 2917

Hi I'm rarely out here, but I started using my 525. Again I am reminded that I cannot tune manually as fast as I like.. I've read other series have a button press that speeds the dial,, mine does not.. ANy suggestions?
Also I am considering the alinco dx sr8t as another sw radio that is quite affordable and I could use in the car or at my work...
Hello to all the new members

2919. Re: Hello...tuning speed on 525, old question I bet

Yahoo group: nrd-525-535
Date: 2014-03-26 12:15:04 UTC
From: g3vvt@...
Topic: 2917 Message: 2919

Hi,

On my NRD-525 I used the UP/DOWN buttons just above the VFO KNOB, though you must be switched to FREQUENCY when doing this. The JST-135 transceiver is exactly the same as I recall.
Have just the same facility on my current NRD-515, though in a different format.

Failing all else, you could use the direct frequency entry keys to shift to the area of interest.

Where there is a will there is a way!

Regards,
Bob, G3VVT

2920. Re: [nrd-525-535] Hello...tuning speed on 525, old question I bet

Yahoo group: nrd-525-535
Date: 2014-03-26 13:17:19 UTC
From: John Reed
Topic: 2917 Message: 2920

If you push the RUN key the tuning rate should change from 2 KHz/revolution (fine) to 20 KHz/revolution (course). Pushing it again will get you back to fine tune.

John Reed

From: vacuumshop@...
Sent: Tuesday, March 25, 2014 6:45 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Hello...tuning speed on 525, old question I bet

Hi I'm rarely out here, but I started using my 525. Again I am reminded that I cannot tune manually as fast as I like.. I've read other series have a button press that speeds the dial,, mine does not.. ANy suggestions?
Also I am considering the alinco dx sr8t as another sw radio that is quite affordable and I could use in the car or at my work...
Hello to all the new members

2921. Re: [nrd-525-535] Hello...tuning speed on 525, old question I bet

Yahoo group: nrd-525-535
Date: 2014-03-26 13:43:36 UTC
From: Simon Burtsal
Topic: 2917 Message: 2921

Quote from NRD-525 Manual, Page 19, Sect 5.5, last bullet point:

- Change of Tuning Step
Each time the RUN switch is pressed, when the receiver is
operated except SCAN/SWEEP mode (the indication of SCAN
and SWEEP are off state) the tuning step is changed to fine
step or coarse step in turn.
- Fine step
Tuning rate of the knob is set to 2KHz per revo-
lution and minimum increment step of the UP/DOWN switch
is set to 1KHz (5KHz in FM mode)
- Coarse step
Tuning rate of the knob is set to 10KHz per revo-
lution and minimum increment step of the UP/DOWN switch
is set to 10KHz (same for FM mode)

Does that do what you want ?

----- Original Message -----
From: vacuumshop@...
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, March 25, 2014 11:45 PM
Subject: [nrd-525-535] Hello...tuning speed on 525, old question I bet

Hi I'm rarely out here, but I started using my 525. Again I am reminded that I cannot tune manually as fast as I like.. I've read other series have a button press that speeds the dial,, mine does not.. ANy suggestions?
Also I am considering the alinco dx sr8t as another sw radio that is quite affordable and I could use in the car or at my work...
Hello to all the new members

2922. RE: [nrd-525-535] Hello...tuning speed on 525, old question I bet

Yahoo group: nrd-525-535
Date: 2014-03-26 16:24:55 UTC
From: QRV
Topic: 2917 Message: 2922
Attachments: 2 described; binary payloads are missing from this source WARC

Here you have other NRD-525 tuning steps :

http://geip.pagesperso-orange.fr/V15En.htm

De : nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com] De la part de Simon Burtsal
Envoyé : mercredi 26 mars 2014 14:44
À : nrd-525-535@yahoogroups.com
Objet : Re: [nrd-525-535] Hello...tuning speed on 525, old question I bet

☐

Quote from NRD-525 Manual, Page 19, Sect 5.5, last bullet point:

- Change of Tuning Step
Each time the RUN switch is pressed, when the receiver is perated except SCAN/SWEEP mode (the indication of SCAN
and SWEEP are off state) the tuning step is changed to fine step or coarse step in turn.
- Fine step
Tuning rate of the knob is set to 2KHz per revolution and minimum increment step of the UP/DOWN switch
is set to 1KHz (5KHz in FM mode)
- Coarse step
Tuning rate of the knob is set to 10KHz per revolution and minimum increment step of the UP/DOWN switch
is set to 10KHz (same for FM mode)

Does that do what you want ?

----- Original Message -----

From: vacuumshop@...

To: nrd-525-535@yahoogroups.com

Sent: Tuesday, March 25, 2014 11:45 PM

Subject: [nrd-525-535] Hello...tuning speed on 525, old question I bet

Hi I'm rarely out here, but I started using my 525. Again I am reminded that I cannot tune manually as fast as I like.. I've read other series have a button press that speeds the dial,, mine does not.. ANy suggestions?

Also I am considering the alinco dx sr8t as another sw radio that is quite affordable and I could use in the car or at my work...

Hello to all the new members

2923. RE: [nrd-525-535] Hello...tuning speed on 525, old question I bet

Yahoo group: nrd-525-535
Date: 2014-03-26 20:11:56 UTC
From: <vacuumshop@...>
Topic: 2917 Message: 2923

Thank you all who replied,, I think I've tried this before,, but I understand the process to go from fine to coarse tuning,, Also Simon.. I have the owners book at home and I am so curious to see it that is in my manual. I know I have read it page to page. So I will try it tonight as I am at work now and I report back. A few years back from memory I think my model was an early on and did not have this feature

2924. RE: [nrd-525-535] Hello...tuning speed on 525, old question I bet

Yahoo group: nrd-525-535
Date: 2014-03-27 01:48:42 UTC
From: <vacuumshop@...>
Topic: 2917 Message: 2924

Well I did check my manual and its there in print about the run changing the dial speed. I carefully did press the buttom but no speed change and no indication either.. I think this was an early model and does not have this feature.

2925. NRD 525 speaker jack

Yahoo group: nrd-525-535
Date: 2014-05-02 14:05:36 UTC
From: <ljpolt@...>
Topic: 2925 Message: 2925

In setting up my recently acquired 525 I attempted to connect an ordinary E.F. Johnson external speaker that has a standard 3.5mm (1/8") mini-plug - which won't fit into the radio's external speaker jack. Plug seems a bit too large. Am I missing something here?
Also, I noticed that the flourescent display is a bit dimmer on the left side than the right. Mostly affects the S-meter calibration. Is that normal.
Otherwise the radio is very impressive. It's reception compares favorably to my R75, even without DSP.
Les Polt
Baltimore, MD

2926. Re: [nrd-525-535] NRD 525 speaker jack

Yahoo group: nrd-525-535
Date: 2014-05-02 14:15:00 UTC
From: Tony Magon
Topic: 2925 Message: 2926

Hi

The extension speaker at the back of the 525 is an RCA (from memory)

Regards

Tony VK2IC

Sydney

On Sat, May 3, 2014 at 12:05 AM, <ljpolt@yahoo.com> wrote:

>
>
> In setting up my recently acquired 525 I attempted to connect an ordinary
> E.F. Johnson external speaker that has a standard 3.5mm (1/8") mini-plug -
> which won't fit into the radio's external speaker jack. Plug seems a bit
> too large. Am I missing something here?
>
> Also, I noticed that the flourescent display is a bit dimmer on the left
> side than the right. Mostly affects the S-meter calibration. Is that
> normal.
>
> Otherwise the radio is very impressive. It's reception compares favorably
> to my R75, even without DSP.
>
> Les Polt
>
> Baltimore, MD
>
>
>

2927. Re: [nrd-525-535] NRD 525 speaker jack

Yahoo group: nrd-525-535
Date: 2014-05-02 14:22:41 UTC
From: kkyahoo
Topic: 2925 Message: 2927

It certainly is!

----- Original Message -----
From: Tony Magon
To: nrd-525-535@yahoogroups.com
Sent: Friday, May 02, 2014 3:15 PM
Subject: Re: [nrd-525-535] NRD 525 speaker jack

Hi

The extension speaker at the back of the 525 is an RCA (from memory)

Regards

Tony VK2IC

Sydney

On Sat, May 3, 2014 at 12:05 AM, <ljpolt@...> wrote:

In setting up my recently acquired 525 I attempted to connect an ordinary E.F. Johnson external speaker that has a standard 3.5mm (1/8") mini-plug - which won't fit into the radio's external speaker jack. Plug seems a bit too large. Am I missing something here?

Also, I noticed that the flourescent display is a bit dimmer on the left side than the right. Mostly affects the S-meter calibration. Is that normal.

Otherwise the radio is very impressive. It's reception compares favorably to my R75, even without DSP.

Les Polt

Baltimore, MD

2928. Re: NRD 525 speaker jack

Yahoo group: nrd-525-535
Date: 2014-05-02 15:09:58 UTC
From: <ljpolt@...>
Topic: 2925 Message: 2928

Thank you, all. I will replace the mini-plug with an RCA. Any thoughts on the display?
-Les Polt

2929. Re: [nrd-525-535] Re: NRD 525 speaker jack

Yahoo group: nrd-525-535
Date: 2014-05-08 20:05:36 UTC
From: barry williams
Topic: 2925 Message: 2929

I've subbed about a month ago but things seem to be a bit slow right now on the list. At first, I was looking for any talk and help regarding a 535 that I have, and if anyone was near Auburn, AL for swapping boards to troubleshoot the radio.

Also, I think I'm going to just buy a 545 if I can find one. Any help beyond calling Universal Radio or Ebay? There is one NIB unit that was originally going for $2999. The seller dropped the price $200 the other day.

Thanks,

Barry Williams

2930. Re: [nrd-525-535] Re: NRD 525 speaker jack

Yahoo group: nrd-525-535
Date: 2014-05-08 20:15:14 UTC
From: Ernie D
Topic: 2925 Message: 2930

Hello Barry have you ever tried a JRC NRD 515? Really high quality. I have an nrd 525 and prefer it over the nrd 525 any day. Ernie

On May 8, 2014, at 4:05 PM, "barry williams" <ba.williams@...> wrote:

> I've subbed about a month ago but things seem to be a bit slow right now
> on the list. At first, I was looking for any talk and help regarding a
> 535 that I have, and if anyone was near Auburn, AL for swapping boards
> to troubleshoot the radio.
>
> Also, I think I'm going to just buy a 545 if I can find one. Any help
> beyond calling Universal Radio or Ebay? There is one NIB unit that was
> originally going for $2999. The seller dropped the price $200 the other
> day.
>
> Thanks,
>
>
> Barry Williams
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>

2931. Re: [nrd-525-535] Re: NRD 525 speaker jack

Yahoo group: nrd-525-535
Date: 2014-05-08 20:47:24 UTC
From: Barry Williams
Topic: 2925 Message: 2931

Great to meet another Barry Williams. I tried to get some information on cables for transceiving the JST135 and NRD525. No luck.

That 545 sounds a bit high to me.

73,
Barry
KD5VC
On May 8, 2014 3:05 PM, "barry williams" <ba.williams@...> wrote:

>
>
> I've subbed about a month ago but things seem to be a bit slow right now
> on the list. At first, I was looking for any talk and help regarding a
> 535 that I have, and if anyone was near Auburn, AL for swapping boards
> to troubleshoot the radio.
>
> Also, I think I'm going to just buy a 545 if I can find one. Any help
> beyond calling Universal Radio or Ebay? There is one NIB unit that was
> originally going for $2999. The seller dropped the price $200 the other
> day.
>
> Thanks,
>
> Barry Williams
>
>

2932. Re: [nrd-525-535] Re: NRD 525 speaker jack

Yahoo group: nrd-525-535
Date: 2014-05-08 23:57:25 UTC
From: Ba.Williams
Topic: 2925 Message: 2932

Hey Barry,

Never actually spoke to another Barry Williams, but there were 8 of them in the Division I was assigned to in the Army. My mail and bills would be missing which got me in trouble.

That price on Ebay is crazy, imo.

The other Barry Williams

> On May 8, 2014, at 3:47 PM, Barry Williams <hroengineer@...> wrote:
>
> Great to meet another Barry Williams. I tried to get some information on cables for transceiving the JST135 and NRD525. No luck.
>
> That 545 sounds a bit high to me.
>
> 73,
> Barry
> KD5VC
>
>> On May 8, 2014 3:05 PM, "barry williams" <ba.williams@charter.net> wrote:
>>
>> I've subbed about a month ago but things seem to be a bit slow right now
>> on the list. At first, I was looking for any talk and help regarding a
>> 535 that I have, and if anyone was near Auburn, AL for swapping boards
>> to troubleshoot the radio.
>>
>> Also, I think I'm going to just buy a 545 if I can find one. Any help
>> beyond calling Universal Radio or Ebay? There is one NIB unit that was
>> originally going for $2999. The seller dropped the price $200 the other
>> day.
>>
>> Thanks,
>>
>> Barry Williams
>
>

2933. Re: [nrd-525-535] Re: NRD 525 speaker jack

Yahoo group: nrd-525-535
Date: 2014-05-08 23:58:22 UTC
From: Ba.Williams
Topic: 2925 Message: 2933

Ernie,

I'll give it a look. Thanks.

Barry

> On May 8, 2014, at 3:15 PM, Ernie D <ernied20@...> wrote:
>
> Hello Barry have you ever tried a JRC NRD 515? Really high quality. I have an nrd 525 and prefer it over the nrd 525 any day. Ernie
>
> On May 8, 2014, at 4:05 PM, "barry williams" <ba.williams@...> wrote:
>
> > I've subbed about a month ago but things seem to be a bit slow right now
> > on the list. At first, I was looking for any talk and help regarding a
> > 535 that I have, and if anyone was near Auburn, AL for swapping boards
> > to troubleshoot the radio.
> >
> > Also, I think I'm going to just buy a 545 if I can find one. Any help
> > beyond calling Universal Radio or Ebay? There is one NIB unit that was
> > originally going for $2999. The seller dropped the price $200 the other
> > day.
> >
> > Thanks,
> >
> >
> > Barry Williams
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> > ------------------------------------
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> > Yahoo Groups Links
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>

2934. Re: [nrd-525-535] Re: NRD 525 speaker jack

Yahoo group: nrd-525-535
Date: 2014-05-09 00:57:41 UTC
From: Barry Williams
Topic: 2925 Message: 2934

I met one other Barry Williams who played drums in a high school band in east Texas, got another Barry William's love letter when I was at Texas A&M. It sounded about like one that was about the same as one from my girlfriend until I got to the signature. A while later I made Distinguished Student and he got my letter and card. He graduated in 68 or 69 and went on to Vietnam.

The JST135 HP got bad press, but actually is a better receiver than my 525. I sent my IF board to Sherwood to get improved filters installed. 500 Hz, and 4 KHz to go with the standard filters. I use it, an ICOM R9000, Racal 6790 and HRO500 with a Sherwood synch detector.

Best of luck on the 535 repair and possible 545 purchase. The major problem now is the limited number of good SW programs.

Best,
Barry

2935. Re: NRD 525 speaker jack

Yahoo group: nrd-525-535
Date: 2014-05-09 17:03:39 UTC
From: Mr Leslie J Polt
Topic: 2925 Message: 2935

Looks like the thread I started has morphed, but at least it shows that there is an active group. I also noted a recent ebay posting for a 535D, but I believe the seller has set a $900 reserve. I originally was searching for a 535D, but settled on a later producrtion 525 since most of my monitoring is SSB utility, for which the 525 works fine with stock filters.
-Les Polt
Baltimore, MD

2936. RE: [nrd-525-535] Re: NRD 525 speaker jack

Yahoo group: nrd-525-535
Date: 2014-05-09 17:37:31 UTC
From: Frank DeMarco
Topic: 2925 Message: 2936

I'm getting ready to put my NRD525 on the market, like new all stock with Yaesu SP 102 speaker.
More later, frankdenet

Sent from Yahoo Mail for iPad (https://overview.mail.yahoo.com?.src=iOS)

2937. Extender card

Yahoo group: nrd-525-535
Date: 2014-05-22 11:18:54 UTC
From: driveguy@...
Topic: 2937 Message: 2937

Looking for an extender card for a 535

Joe Sirotnak
driveguy53

2938. NRD-515 Receivers -- Anyone interested???

Yahoo group: nrd-525-535
Date: 2014-06-09 19:43:16 UTC
From: paul@...
Topic: 2938 Message: 2938

I have two NRD-515 receivers in my JRC collection that I am considering selling. I really haven't used them in years, so I'd like to find them a new home and thought I'd reach out here before listing them on eBay. I'm open to offers.

Both are set up for SW/MW DXing -- one has Kiwa filters (3.5 kHz and 8 kHz filter modules in addition to the stock 6 kHz and 2.4 (?) kHz filters), the other has the old Gilfer mods (Murata filter, bandwidth uncertain but I believe around 4 kHz). They are both very clean and in excellent physical condition, and each has its matching NVA-515 speaker. Only one (the Gilfer-mod unit) has original cartons for the radio and speaker.

If interested please email me privately ww2pt@arrl.net to discuss.

73,
Paul Lannuier - WW2PT
West, TX

2939. Re: [nrd-525-535] NRD-515 Receivers -- Anyone interested???

Yahoo group: nrd-525-535
Date: 2014-06-09 19:51:52 UTC
From: Ernie D
Topic: 2938 Message: 2939

What kind of condition are they in and how much for each unit? Ernie

On Jun 9, 2014, at 3:43 PM, "paul@dingosystems.com [nrd-525-535]" <nrd-525-535@yahoogroups.com> wrote:

>
>
> I have two NRD-515 receivers in my JRC collection that I am considering selling. I really haven't used them in years, so I'd like to find them a new home and thought I'd reach out here before listing them on eBay. I'm open to offers.
>
>
>
> Both are set up for SW/MW DXing -- one has Kiwa filters (3.5 kHz and 8 kHz filter modules in addition to the stock 6 kHz and 2.4 (?) kHz filters), the other has the old Gilfer mods (Murata filter, bandwidth uncertain but I believe around 4 kHz). They are both very clean and in excellent physical condition, and each has its matching NVA-515 speaker. Only one (the Gilfer-mod unit) has original cartons for the radio and speaker.
>
>
>
> If interested please email me privately ww2pt@arrl.net to discuss.
>
>
>
> 73,
>
> Paul Lannuier - WW2PT
>
> West, TX
>
>
>
>

2940. FS: Fully loaded NRD-525

Yahoo group: nrd-525-535
Date: 2014-06-11 07:30:13 UTC
From: hans.ostnell@...
Topic: 2940 Message: 2940

Hi group!

I have a NRD-525 that I rarely use. The radio is in excellent cosmetic and electric condition, and is loaded with the following accessories and upgrades:

- AUX-position IF-filter CFL-231 (1.8 kHz)
- NAR-position IF-filter CFL-218A (300 Hz)
- CMK-165 VHF/UHF-converter
- CMH-532 RS-232C Interface unit
- 6ZCJDOO140 RS-232 cable harness
- CMH-530 + CJK-61 RTTY Demodulator med kablage
- Kiwa Audio Upgrade
- Kiwa Ultimate Rejection Filter Upgrade
- Kiwa Ultimate Rejection Inductor and FET Driver Upgrade
- Kiwa AGC Upgrade
- Arrester diodes replaced by a 1mH RF-choke in parallell with a neon bulb, to prevent intermodulation in connection with reception of very strong signals (choke and neon buld does the same job as the diodes).

Some of the accessories installed in the radio are pretty rare finds today. Pictures of the radio can be sent upon request. Radio is delivered with manual, service manual and some other documentation regarding the upgrades. Send any questions to the e-mail adress mentioned below.

If anyone's interested, please send your offer to: la2moa at gmail dot com

73's de Hans / LA2MOA
Vardo island, Arctic Norway
EU-141, Loc: KQ50ni

2941. Slightly off topic! NRD 345

Yahoo group: nrd-525-535
Date: 2014-07-09 08:42:58 UTC
From: kkyahoo@...
Topic: 2941 Message: 2941

Hi, Has anyone got the manuals for the NRD345? Looking for the service manual and the operating manual.

Thanks
Kevin

2942. Re: [nrd-525-535] Slightly off topic! NRD 345

Yahoo group: nrd-525-535
Date: 2014-07-09 12:11:51 UTC
From: casy_ch@tbwil.ch
Topic: 2941 Message: 2942

I do not know if you can read German, but there is one on:
http://www.mods.dk/manual.php?brand=jrc

Jean-Claude

Am 09.07.2014 10:42, schrieb kkyahoo@... [nrd-525-535]:
>
> Hi, Has anyone got the manuals for the NRD345? Looking for the service
> manual and the operating manual.
>
>
> Thanks
>
> Kevin
>
>

2943. Re: [nrd-525-535] Slightly off topic! NRD 345

Yahoo group: nrd-525-535
Date: 2014-07-09 13:04:26 UTC
From: kkyahoo
Topic: 2941 Message: 2943

Thanks Jean Claude, yes I found that one but can't speak German! So I am still looking!
Kevin

----- Original Message -----
From: 'casy_ch@tbwil.ch' casy_ch@... [nrd-525-535]
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, July 09, 2014 1:11 PM
Subject: Re: [nrd-525-535] Slightly off topic! NRD 345

I do not know if you can read German, but there is one on:
http://www.mods.dk/manual.php?brand=jrc

Jean-Claude

Am 09.07.2014 10:42, schrieb kkyahoo@... [nrd-525-535]:

Hi, Has anyone got the manuals for the NRD345? Looking for the service manual and the operating manual.

Thanks

Kevin

2944. Re: [nrd-525-535] Slightly off topic! NRD 345

Yahoo group: nrd-525-535
Date: 2014-07-09 21:52:45 UTC
From: casy_ch@tbwil.ch
Topic: 2941 Message: 2944

I thought you would eventually translate through <translate.Google.com>.
I have already translated chinese manuals into German. It is not a hit
but gives an idea what to do.

Jean-Claude

Am 09.07.2014 15:04, schrieb 'kkyahoo' kkyahoo@... [nrd-525-535]:
>
> □
>
> Thanks Jean Claude, yes I found that one but can't speak German! So I
> am still looking! Kevin
>
> ----- Original Message -----
> *From:* 'casy_ch@...' casy_ch@... [nrd-525-535]
> <mailto:%27casy_ch@...%27%20casy_ch@...%20[nrd-525-535]>
> *To:* nrd-525-535@yahoogroups.com
> <mailto:nrd-525-535@yahoogroups.com>
> *Sent:* Wednesday, July 09, 2014 1:11 PM
> *Subject:* Re: [nrd-525-535] Slightly off topic! NRD 345
>
> I do not know if you can read German, but there is one on:
> http://www.mods.dk/manual.php?brand=jrc
>
> Jean-Claude
>
> Am 09.07.2014 10:42, schrieb kkyahoo@... [nrd-525-535]:
>>
>> Hi, Has anyone got the manuals for the NRD345? Looking for the
>> service manual and the operating manual.
>>
>>
>> Thanks
>>
>> Kevin
>>
>
>

2945. Filter board

Yahoo group: nrd-525-535
Date: 2014-07-18 16:05:45 UTC
From: kkyahoo@...
Topic: 2945 Message: 2945

Hi, does anyone have a CFQ-8673 filter board for the NRD345? New or secondhand are all fine. Does not need to have a filter on it.

73

Kevin

2946. NRD525 Rotary Encoder needed

Yahoo group: nrd-525-535
Date: 2014-07-21 13:42:38 UTC
From: doug08854@...
Topic: 2946 Message: 2946

Does anyone know of a source for the rotary encoder
for the VFO on the 525?
Doug

2947. Re: NRD525 Rotary Encoder needed

Yahoo group: nrd-525-535
Date: 2014-07-24 08:14:15 UTC
From: malet-bernard@...
Topic: 2946 Message: 2947

See files: copal_encoders_RMS20.pdf

Best regards
BM

2948. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2014-07-25 08:30:46 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 2948

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Copal Encoders NRD525/Copal RES_REC Encoders Jan03.pdf
Uploaded by : bibliophileuk <poldhu1901@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/nrd-525-535/files/Copal%20Encoders%20NRD525/Copal%20RES_REC%20Encoders%20Jan03.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

bibliophileuk <poldhu1901@...>

2949. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2014-07-25 08:31:05 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 2949

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /Copal Encoders NRD525/Copal RES_REC Encoders Oct05.pdf
Uploaded by : bibliophileuk <poldhu1901@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/nrd-525-535/files/Copal%20Encoders%20NRD525/Copal%20RES_REC%20Encoders%20Oct05.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

bibliophileuk <poldhu1901@...>

2950. Re: NRD525 Rotary Encoder needed

Yahoo group: nrd-525-535
Date: 2014-07-25 08:41:12 UTC
From: poldhu1901@...
Topic: 2946 Message: 2950

Hi Bernard,

Thanks for that pointer, I hadn't realised there was any encoder data in the files section.

However, when I checked the 525 service manual I found the part number quoted to be RES20-50-200-B, which turns out to be a different Copal device, so I've also uploaded a couple of versions of that data sheet to the files section.

I don't know if the 535 also uses a Copal encoder but my service manual for that only shows what seems to be a JRC part number.

Regards

Nigel
GM8PZR

2951. Re: [nrd-525-535] NRD525 Rotary Encoder needed

Yahoo group: nrd-525-535
Date: 2014-07-26 00:13:04 UTC
From: joseph
Topic: 2946 Message: 2951

http://www.ebay.com/itm/NEW-Yaesu-Q9000882-Rotary-Encoder-RES20D50-201-K-part-for-FT-950-FT950-/251501439223?pt=LH_DefaultDomain_0&hash=item3a8ea768f7
http://www.ebay.com/itm/NEW-Yaesu-Q9000709A-Rotary-Encoder-FT-897-FT-897D-FT-100-FT-857D-FT-817-FT-817ND-/301232070213?pt=LH_DefaultDomain_0&hash=item4622d49e45

Jo

Le 25 juil. 2014 à 10:41, poldhu1901@... [nrd-525-535] a écrit :

Hi Bernard,

Thanks for that pointer, I hadn't realised there was any encoder data in the files section.

However, when I checked the 525 service manual I found the part number quoted to be RES20-50-200-B, which turns out to be a different Copal device, so I've also uploaded a couple of versions of that data sheet to the files section.

I don't know if the 535 also uses a Copal encoder but my service manual for that only shows what seems to be a JRC part number.

Regards

Nigel
GM8PZR

2952. Re: Mod to greatly reduce the 535 display RFI noise problem

Yahoo group: nrd-525-535
Date: 2014-08-12 13:10:17 UTC
From: reece_k1@...
Topic: 1944 Message: 2952

Hi John, Regarding my 535D I am about to do the RFI mod to the front panel, I was just wondering if you ever done anything regarding the CPU board.Many thanks,Reece.BTW, I have done the KIWA mods and replaced all the electrolytic caps with new Japanese types, this all went smoothly though time consuming, the radio seems to have more background hiss than it did before.This may just be my imagination, if I remove the Antenna all is quiet, the antenna is 50 ohm (RG-213) and 40 meters away to a long wire with balun.

2953. New Member

Yahoo group: nrd-525-535
Date: 2014-08-13 17:53:30 UTC
From: Mark Mohrmann
Topic: 2549 Message: 2953

Greetings All,

First message from a new member. I dusted off the NRD535 a few weeks ago and hooked it up to an antenna after a 9 year hiatus from DXing. Looks like a lot of things have changed over the past decade. Not much to listen to in the Tropical Bands I guess, which I kind of expected. But the advent of the SDR which was basically unheard of 9 years ago has taken me totally by surprise. I bought a $19 NooElec SDR stick and I've got it hooked up to the NRD IF as a panadapter. What an amazing thing to be able to see the spectrum as you tune through the bands. Looking to compare notes with others who have similar setups.

Mark Mohrmann
Coventry, Vt. USA
wa2fxm

2954. Re: New Member

Yahoo group: nrd-525-535
Date: 2014-08-14 00:08:46 UTC
From: reece_k1@...
Topic: 2549 Message: 2954

Hi Mark, hope the Radio is performing properly after sitting for such a long time, the battery may need replacing though!I have done quite a bit of work on a panadapter for the 535D and works well, you may be interested in this:NRD-525-535
https://groups.yahoo.com/neo/groups/nrd-525-535/conversations/messages/2908

https://groups.yahoo.com/neo/groups/nrd-525-535/conversations/messages/2908

NRD-525-535 https://groups.yahoo.com/neo/groups/nrd-525-535/conversations/messages/2908
For owners of the Japan Radio NRD-525 / NRD-535 general coverage receivers.

View on groups.yahoo.com
https://groups.yahoo.com/neo/groups/nrd-525-535/conversations/messages/2908
Preview by Yahoo

I hope the link shows, Yahoo reacts strangely!!Reece

2955. 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-08-15 14:22:52 UTC
From: Mark Mohrmann
Topic: 2890 Message: 2955

Wow. Nice work Reece. You did it right. I just threw mine in there for starters to see if it would really work. I'm using a NooElec stick which has a R820T tuner chip with the 2832. I just chopped off the antenna that came with it and tacked the bare wire end to P29-1 on the IF board. I kept the leads as short as possible, and then just ran the wire out through the top air vent of the rig. I was thinking of eventually using the DC OUT connector on the back instead of drilling new holes.

I haven't played around with it much yet. I do notice more noise with it plugged in, but it may just be the laptop power supply doing that. I see that you're using HDSDR by the graphic you posted. It looks like a spectrum graph from 14 to 17mHz with you tuned in around15.5? Does HDSDR display your actual tuned frequency? I'm using SDR# and if there is a way to do that I haven't found it yet. There is a frequency offset setting, but I've only been able to make it stick for a single frequency. And then the display is backwards. You tune upband and the display frequency goes downband.

So I'll be working to figure out laptop/power supply/panadapter noise over the next few weeks. If you've got any tips I'll be happy to take them in.

Mark

2956. Re: 535 Panadapter/Spectrum Display

Yahoo group: nrd-525-535
Date: 2014-08-18 05:45:27 UTC
From: reece_k1@...
Topic: 2890 Message: 2956

Hi Mark, I have been a bit slack of late concerning radio. The displayed graph is what is being tuned but the displayed frequency doesn't function, that is where OmniRig comes into it.I was going to install OmniRig (works well with HDSDR), there is an ini file/setup for the 535D within the zip file. Apparently it doesn't fully work, if you give it a try please let me know how it goes.Maybe you could try one of the RTL2832U dongles (around $18) to see how it compares.I used a buffer amp on the IF take off point and found this to be excellent (essential really) with virtually no loss to the radio's sensitivity.Reece.

2958. tuning issue NRD-525

Yahoo group: nrd-525-535
Date: 2014-09-03 20:05:32 UTC
From: w.hennissen@...
Topic: 2958 Message: 2958

I have the following tuning problem on my NRD-525 which I bought on a flee market. When I turn the tuning dial I can see the frequency change like the manual describes: 2 kHz per revolution or 20 kHz per revollution when I push the RUN button.

I can see the frequency change on the display for example 7.000.01 - 7.000.02 - 7.000.03 etc. So that looks ok, I think.

However, for example when listening to CW I can hear the tone change only at 7.000.50 - 7.001.50 - 7.002.50. So it looks that the receiver isn't tuning in the same interval that the display shows. It's in all modes. As a result, you can not tune properly to any station, also not in USB/LSB. Does anybody have a hint where to look ? Encoder PG-1 ?

(I deleted my messag of september 1 about this issue; it was not correct)

2959. Tuning Dial Grip

Yahoo group: nrd-525-535
Date: 2014-10-03 03:49:28 UTC
From: ljpolt@...
Topic: 2959 Message: 2959

I recently purchased a straight 535 (S/N 69033-which seems late for a non-D model). I note that the dial grip does not fully cover the dial (which you can see on the eBay photos), and is a bit large, since it is shimmed with masking tape. It is 5/8" wide, and probably should be 3/4". Not critical issue, more cosmetic than anything else, and I am satisfied with the radio. Question: is there a replacement grip that fits and where could I find it?
P.S. - I will most likely put up for sale my 525, which performs very well, and has only minor cosmetic wear. - S/N 46974.
Les Polt
Baltimore, MD.

2960. Re: Tuning Dial Grip

Yahoo group: nrd-525-535
Date: 2014-10-03 11:28:36 UTC
From: poldhu1901@...
Topic: 2959 Message: 2960

Hi Les

I managed to find it on Ebay and can see what you mean, but aside from the fitting problem the depth of the grip is right at 5/8".

If, for example, you look at the photos for this current Ebay auction, 231345329447, you'll see the grips look the same but there's a black ring showing behind the grip there , whilst yours looks to be pushed right back against the "silver" skirt with the dial markings. That black plastic ring is actually a step in the moulding that the grip normally buts against so you might want to check to see if yours can just be slid forward, there's obviously a problem but it might not look so bad if you could do that.

It's possible you may have the wrong grip, but I suspect that it may be the correct one that's stretched quite a bit. If you don't have that ridge in the plastic moulding then it's also possible it might be the wrong know but my first guess is still that it's the right grip pushed back too far on the right knob.

Only immediate obvious option for a replacement I can think of is to contact previous known dealers in the US, Univeral Radio etc, and see if they still have any spares or can perhaps suggest an alternative.

If that fails, and you decide it is the right knob and grip but just loose, my next suggestion would be to try for something a bit less obvious than masking tape to pack it out and try to make best use of what you've got, for now at least, and just enjoy the radio:-).

Regards

Nigel
GM8PZR

2961. Re: Tuning Dial Grip

Yahoo group: nrd-525-535
Date: 2014-10-03 16:26:07 UTC
From: ljpolt@...
Topic: 2959 Message: 2961

Thanks,Nigel. The grip measures 50mm inside diameter which is about 2mm larger than the knob. The plastic ring behand the grip does not butt up against the index ring; it is separated by about 2mm scored metal strip (which appears to be part of the index ring). That is not clear on the ad you referenced but it seems to be correct. The grip looks like the original, but cannot understand how it would have stretched as much as 2-3mm. Is it possible that perhaps a previous owned covered over the existing grip with masking tape and slipped on a grip from another radio to give a larger turning radius; that would be innovative. I just don't want to risk removing the masking tape to find out! Les

2962. Re: [nrd-525-535] Tuning Dial Grip

Yahoo group: nrd-525-535
Date: 2014-10-04 00:40:14 UTC
From: hackmohr@...
Topic: 2959 Message: 2962
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

2963. Re: tuning issue NRD-525

Yahoo group: nrd-525-535
Date: 2014-10-04 17:46:32 UTC
From: w.hennissen@...
Topic: 2958 Message: 2963

anyone ?

2964. Re: Tuning Dial Grip

Yahoo group: nrd-525-535
Date: 2014-10-04 23:01:39 UTC
From: reece_k1@...
Topic: 2959 Message: 2964

Hi Les, Is the grip plastic or rubber? I'm not sure but if it is plastic you might be able to shrink it back to it's original size by placing it into a pot of boiling water. If you try this you do so at your own risk. However I don't see it doing any harm.
Good luck.

2965. Re: FS: Fully loaded NRD-525

Yahoo group: nrd-525-535
Date: 2014-10-08 16:15:50 UTC
From: mdcalvert@...
Topic: 2940 Message: 2965

Hans:

I don't see a date on your listing. Is the loaded NRD-525 still available? If so, what is yoour price in U.S. Dollars, including shipping and handling to the U.S Dollars?

M D Calvert

2966. RE: [nrd-525-535] Re: FS: Fully loaded NRD-525

Yahoo group: nrd-525-535
Date: 2014-10-09 15:28:05 UTC
From: Frank DeMarco
Topic: 2940 Message: 2966

And what is that price? I did not note the previous post.
BTW, I am ready to put my own near-new 525 up for sale. Frankdenet

Sent from Yahoo Mail for iPhone (https://overview.mail.yahoo.com?.src=iOS)

2967. JRC 525 FILTER OPTIONAL OR VHF/UHF WANTED

Yahoo group: nrd-525-535
Date: 2014-10-26 19:02:49 UTC
From: rasputin1965@...
Topic: 2967 Message: 2967

Hi Guys
I bought this week an almost new JRC 525G version and I 'm so happy about this great receiver! I just have an Kenwood R5000 what a difference! the Jrc is soo quite very sensitive and tough!
I was looking to buy the extra option filter or the VHF/UHF optional board! Does anyone out there got one for sale? I can pay via Paypal.
My receiver got a 48xxx serial number does it means that is coming from latest production batch?
Anyone know with improvements has been made on latest production compared with earlier production batch?

What about the 535 ? are much better in terms of quality and sensitity compared to the great 525?

I must say that I love JRC products! Is like sitting inside a Ferrari car! same feeling! and was built almost 30 years ago! unbelieveble! nowadays there is nothing like this on the market! very pity!
Long life to JRC receivers and to our beatuyfull hobby!

Br

Marco 73

2968. Re: [nrd-525-535] JRC 525 FILTER OPTIONAL OR VHF/UHF WANTED

Yahoo group: nrd-525-535
Date: 2014-10-26 19:04:56 UTC
From: Edward
Topic: 2967 Message: 2968

Marco,

If you like the 525, you will LOVE the 535D.

> On Oct 26, 2014, at 15:02, rasputin1965@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:
>
>
>
> Hi Guys
> I bought this week an almost new JRC 525G version and I 'm so happy about this great receiver! I just have an Kenwood R5000 what a difference! the Jrc is soo quite very sensitive and tough!
> I was looking to buy the extra option filter or the VHF/UHF optional board! Does anyone out there got one for sale? I can pay via Paypal.
> My receiver got a 48xxx serial number does it means that is coming from latest production batch?
> Anyone know with improvements has been made on latest production compared with earlier production batch?
>
> What about the 535 ? are much better in terms of quality and sensitity compared to the great 525?
>
> I must say that I love JRC products! Is like sitting inside a Ferrari car! same feeling! and was built almost 30 years ago! unbelieveble! nowadays there is nothing like this on the market! very pity!
> Long life to JRC receivers and to our beatuyfull hobby!
>
> Br
>
> Marco 73
>
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>

2969. RE: [nrd-525-535] JRC 525 FILTER OPTIONAL OR VHF/UHF WANTED

Yahoo group: nrd-525-535
Date: 2014-10-26 22:07:04 UTC
From: Frank DeMarco
Topic: 2967 Message: 2969

What did you pay for the 525? I've got one in
Like-new condition of the same production run
I'm looking to sell. It comes with the Yaesu
SP-102 speaker with audio output filters which
Improves the muddy sound of the built-in speaker. /frankdenet

Sent from Yahoo Mail for iPhone (https://overview.mail.yahoo.com?.src=iOS)

At Oct 26, 2014, 3:02:53 PM, rasputin1965@... [nrd-525-535]<'nrd-525-535@yahoogroups.com'> wrote:

Hi Guys
I bought this week an almost new JRC 525G version and I 'm so happy about this great receiver! I just have an Kenwood R5000 what a difference! the Jrc is soo quite very sensitive and tough!
I was looking to buy the extra option filter or the VHF/UHF optional board! Does anyone out there got one for sale? I can pay via Paypal.
My receiver got a 48xxx serial number does it means that is coming from latest production batch?
Anyone know with improvements has been made on latest production compared with earlier production batch?

What about the 535 ? are much better in terms of quality and sensitity compared to the great 525?

I must say that I love JRC products! Is like sitting inside a Ferrari car! same feeling! and was built almost 30 years ago! unbelieveble! nowadays there is nothing like this on the market! very pity!
Long life to JRC receivers and to our beatuyfull hobby!

Br

Marco 73

2970. RE: [nrd-525-535] JRC 525 FILTER OPTIONAL OR VHF/UHF WANTED

Yahoo group: nrd-525-535
Date: 2014-10-26 23:58:29 UTC
From: Barry Williams
Topic: 2967 Message: 2970

I use an SE3 Mk4 synch detector with mine. I had Rob Sherwood install a 4 KHz filter for AM and a 400 Hz for CW/Data. You can tune to either sideband and get very good AM, even at 5 KHz spacing. The synch detector stays locked as long as the carrier is within the passband.

If you check the internet, you can find updated EPROMS, and a RS232 card. I "inherited" a complete JST 135HP setup with RS 232. I wanted to try the 525 as a 2nd receiver. I think I have figured out the cabling, but couldn't find that information on line, in JST Service manual or either operator manuals. By the way, the JST 135HP is a little quirky, but with a crystal filter for SSB, it works much better than you would think, especially considering the QST review on it.

73,
Barry KD5VC

2971. NRD-535D: BWC Unit & Crystal Filter Bandwidth

Yahoo group: nrd-525-535
Date: 2014-10-27 12:28:52 UTC
From: david@...
Topic: 2971 Message: 2971

Hi

Does anyone looked in detail at how the Bandwidth Control unit works on the NRD-535D?

It converts the 455kHz IF to 400kHz where there is a crystal filter. The two 855kHz local oscillator signals and the main local oscillator are separately tuned, so that the 400kHz crystal filter can be moved relative to the main 455kHz IF filter without affecting the tuned frequency.

However, the same 400kHz crystal filter is used whether you select the 5.5kHz wide CLF-D6S or the 2.2kHz wide MF-31C. And, when I changed the wider filter for a 6.6kHz wide CFK455H the bandwidth was noticeably increased, the audio a lot less muffled and the BWC still worked as before.

How wide is the 400kHz crystal filter? Is it bandpass, low pass or high pass? Has anyone measured the overall shape factor at narrow BWC settings?

David
G1JLE

2972. Re: JRC 525 FILTER OPTIONAL OR VHF/UHF WANTED

Yahoo group: nrd-525-535
Date: 2014-10-27 15:16:58 UTC
From: ljpolt@...
Topic: 2967 Message: 2972

I was very pleased with my 525 with stock filters, but I primarily monitor utility, and the stock SSB filters were quite adequate. I have since replaced the 525 with a late production 535 (not D), and am putting the 525 (S/N 469XX) on the market. It is at the Washington Cy. (PA) hamfest this Sunday (11/2), and if it doesn't sell, I'll be Craigslisting it. Les Polt Baltimore, MD

2973. RE: [nrd-525-535] Re: JRC 525 FILTER OPTIONAL OR VHF/UHF WANTED

Yahoo group: nrd-525-535
Date: 2014-10-27 18:28:00 UTC
From: Frank DeMarco
Topic: 2967 Message: 2973

My 525 is also stock, no mods, excellent condition. Comes with Yeasu SP-102 outboard speaker. What is the going price these days? I see offers of $750-$900 on EBay. I can pay Ups packing & shipping.
My QTH is NY/NJ. frankdenet@yahoo.com

Sent from Yahoo Mail for iPhone (https://overview.mail.yahoo.com?.src=iOS)

At Oct 27, 2014, 11:17:02 AM, ljpolt@... [nrd-525-535]<'nrd-525-535@yahoogroups.com'> wrote:

I was very pleased with my 525 with stock filters, but I primarily monitor utility, and the stock SSB filters were quite adequate. I have since replaced the 525 with a late production 535 (not D), and am putting the 525 (S/N 469XX) on the market. It is at the Washington Cy. (PA) hamfest this Sunday (11/2), and if it doesn't sell, I'll be Craigslisting it.
Les Polt
Baltimore, MD

2974. RE: [nrd-525-535] JRC 525 FILTER OPTIONAL OR VHF/UHF WANTED

Yahoo group: nrd-525-535
Date: 2014-10-27 19:12:24 UTC
From: rasputin1965@...
Topic: 2967 Message: 2974

Hi Mate

I paid 350 euros inclusive of shipping from germany to UK

Worth every penny!

Love Jrc!

Marco

2975. Re: JRC 525 FILTER OPTIONAL OR VHF/UHF WANTED

Yahoo group: nrd-525-535
Date: 2014-10-27 19:15:28 UTC
From: rasputin1965@...
Topic: 2967 Message: 2975

Hi Mate

I monitor utility as well! mostly Rtty stations unfortunately not much left on shotwaves....Pity

Marco

2976. NRD 345 Filter board wanted

Yahoo group: nrd-525-535
Date: 2014-11-25 10:39:33 UTC
From: kkyahoo@...
Topic: 2976 Message: 2976

Hi, does anyone have a plug-in filter board for the NRD345 that they would want to sell? (Part number CFQ-8673)

73

Kevin

2977. Tuning problem NRD-525

Yahoo group: nrd-525-535
Date: 2014-12-23 20:49:44 UTC
From: Chris A
Topic: 2977 Message: 2977

Hello, new to the group. I've had my radio for over 10 years, and a few years ago my last digit on my digital display froze on "0". the result is I can only tune in .1 Khz increments instead of the usual .01 increments. Obviously this does not allow for fine tuning. I'm looking for any suggestions as to the culprit. THX.

2978. Re: [nrd-525-535] Tuning problem NRD-525

Yahoo group: nrd-525-535
Date: 2014-12-23 21:59:15 UTC
From: Daryll
Topic: 2977 Message: 2978

Chris,

Not sure if this is what you're talking about or not, but the 2nd digit to the right of the decimal point on the display can toggled on and off by pressing <MEMO> and <1> at the same time. It allows for finer tuning. Hope this helps.

Daryll
=====

----- Original Message -----
From: Chris A 67shelbyaz@... [nrd-525-535]
To: nrd-525-535@yahoogroups.com
Sent: Tuesday, December 23, 2014 3:49 PM
Subject: [nrd-525-535] Tuning problem NRD-525

Hello, new to the group. I've had my radio for over 10 years, and a few years ago my last digit on my digital display froze on "0". the result is I can only tune in .1 Khz increments instead of the usual .01 increments. Obviously this does not allow for fine tuning. I'm looking for any suggestions as to the culprit. THX.

Posted by: Chris A <67shelbyaz@...>

2979. Re: Tuning problem NRD-525

Yahoo group: nrd-525-535
Date: 2014-12-24 01:39:55 UTC
From: Chris A
Topic: 2977 Message: 2979

Thanks for the tip. However, all that did was turn off the last digit entirely. Mine is stuck on 0 when in normal mode. But thanks for trying!

On Tuesday, December 23, 2014, 'Daryll' RoadMelter@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:

>
>
> □
> Chris,
>
> Not sure if this is what you're talking about or not, but the 2nd digit to
> the right of the decimal point on the display can toggled on and off by
> pressing <MEMO> and <1> at the same time. It allows for finer tuning.
> Hope this helps.
>
> Daryll
> =====
>
>
> ----- Original Message -----
> *From:* Chris A 67shelbyaz@... [nrd-525-535]
> <javascript:_e(%7B%7D,'cvml','67shelbyaz@...%2B%5Bnrd-525-535%5D');>
> *To:* nrd-525-535@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','nrd-525-535@yahoogroups.com');>
> *Sent:* Tuesday, December 23, 2014 3:49 PM
> *Subject:* [nrd-525-535] Tuning problem NRD-525
>
> Hello, new to the group. I've had my radio for over 10 years, and a few
> years ago my last digit on my digital display froze on "0". the result is I
> can only tune in .1 Khz increments instead of the usual .01 increments.
> Obviously this does not allow for fine tuning. I'm looking for any
> suggestions as to the culprit. THX.
> ------------------------------
> Posted by: Chris A <67shelbyaz@...
> <javascript:_e(%7B%7D,'cvml','67shelbyaz@...');>>
> ------------------------------
>
>
>

2980. Re: [nrd-525-535] Re: Tuning problem NRD-525

Yahoo group: nrd-525-535
Date: 2014-12-24 03:09:13 UTC
From: Jim DiMauro
Topic: 2977 Message: 2980

On the NRD-525 it's the Run switch you need to press. The Run switch toggles between the tuning rates. That should solve your issue. - Jim
From: "Chris A 67shelbyaz@... [nrd-525-535]" <nrd-525-535@yahoogroups.com>
To: "nrd-525-535@yahoogroups.com" <nrd-525-535@yahoogroups.com>
Sent: Tuesday, December 23, 2014 8:39 PM
Subject: [nrd-525-535] Re: Tuning problem NRD-525

<!--#yiv5226404691 #yiv5226404691 .yiv5226404691ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5226404691 div.yiv5226404691ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5226404691 div.yiv5226404691photo-title a, #yiv5226404691 div.yiv5226404691photo-title a:active, #yiv5226404691 div.yiv5226404691photo-title a:hover, #yiv5226404691 div.yiv5226404691photo-title a:visited {text-decoration:none;}#yiv5226404691 div.yiv5226404691attach-table div.yiv5226404691attach-row {clear:both;}#yiv5226404691 div.yiv5226404691attach-table div.yiv5226404691attach-row div {float:left;}#yiv5226404691 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5226404691 div.yiv5226404691ygrp-file {width:30px;}#yiv5226404691 div.yiv5226404691attach-table div.yiv5226404691attach-row div div a {text-decoration:none;}#yiv5226404691 div.yiv5226404691attach-table div.yiv5226404691attach-row div div span {font-weight:normal;}#yiv5226404691 div.yiv5226404691ygrp-file-title {font-weight:bold;}#yiv5226404691 --> <!--#yiv5226404691 #yiv5226404691ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv5226404691 #yiv5226404691ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv5226404691 #yiv5226404691ygrp-mkp #yiv5226404691hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv5226404691 #yiv5226404691ygrp-mkp #yiv5226404691ads {margin-bottom:10px;}#yiv5226404691 #yiv5226404691ygrp-mkp .yiv5226404691ad {padding:0 0;}#yiv5226404691 #yiv5226404691ygrp-mkp .yiv5226404691ad p {margin:0;}#yiv5226404691 #yiv5226404691ygrp-mkp .yiv5226404691ad a {color:#0000ff;text-decoration:none;}-->

Thanks for the tip. However, all that did was turn off the last digit entirely. Mine is stuck on 0 when in normal mode. But thanks for trying!

On Tuesday, December 23, 2014, 'Daryll' RoadMelter@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:

☐Chris, Not sure if this is what you're talking about or not, but the 2nd digit to the right of the decimal point on the display can toggled on and off by pressing <MEMO> and <1> at the same time. It allows for finer tuning. Hope this helps. Daryll=====
----- Original Message ----- From: Chris A 67shelbyaz@... [nrd-525-535] To: nrd-525-535@yahoogroups.com Sent: Tuesday, December 23, 2014 3:49 PM Subject: [nrd-525-535] Tuning problem NRD-525
Hello, new to the group. I've had my radio for over 10 years, and a few years ago my last digit on my digital display froze on "0". the result is I can only tune in .1 Khz increments instead of the usual .01 increments. Obviously this does not allow for fine tuning. I'm looking for any suggestions as to the culprit. THX. Posted by: Chris A <67shelbyaz@...>

2981. Re: Tuning problem NRD-525

Yahoo group: nrd-525-535
Date: 2014-12-24 03:10:57 UTC
From: Chris A
Topic: 2977 Message: 2981

Hallelujah!

On Tuesday, December 23, 2014, Jim DiMauro radio6146@...
[nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:

>
>
> On the NRD-525 it's the Run switch you need to press. The Run switch
> toggles between the tuning rates. That should solve your issue. - Jim
>
> ------------------------------
> *From:* "Chris A 67shelbyaz@...
> <javascript:_e(%7B%7D,'cvml','67shelbyaz@...');> [nrd-525-535]" <
> nrd-525-535@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','nrd-525-535@yahoogroups.com');>>
> *To:* "nrd-525-535@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','nrd-525-535@yahoogroups.com');>" <
> nrd-525-535@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','nrd-525-535@yahoogroups.com');>>
> *Sent:* Tuesday, December 23, 2014 8:39 PM
> *Subject:* [nrd-525-535] Re: Tuning problem NRD-525
>
>
>
> Thanks for the tip. However, all that did was turn off the last digit
> entirely. Mine is stuck on 0 when in normal mode. But thanks for trying!
>
> On Tuesday, December 23, 2014, 'Daryll' RoadMelter@...
> <javascript:_e(%7B%7D,'cvml','RoadMelter@...');> [nrd-525-535]
> <nrd-525-535@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','nrd-525-535@yahoogroups.com');>> wrote:
>
>
> □
> Chris,
>
> Not sure if this is what you're talking about or not, but the 2nd digit to
> the right of the decimal point on the display can toggled on and off by
> pressing <MEMO> and <1> at the same time. It allows for finer tuning.
> Hope this helps.
>
> Daryll
> =====
>

>
> ----- Original Message -----
> *From:* Chris A 67shelbyaz@... [nrd-525-535]
> *To:* nrd-525-535@yahoogroups.com
> *Sent:* Tuesday, December 23, 2014 3:49 PM
> *Subject:* [nrd-525-535] Tuning problem NRD-525
>
> Hello, new to the group. I've had my radio for over 10 years, and a few
> years ago my last digit on my digital display froze on "0". the result is I
> can only tune in .1 Khz increments instead of the usual .01 increments.
> Obviously this does not allow for fine tuning. I'm looking for any
> suggestions as to the culprit. THX.
> ------------------------------
> Posted by: Chris A <67shelbyaz@...>
> ------------------------------
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2982. RE: [nrd-525-535] Re: Tuning problem NRD-525

Yahoo group: nrd-525-535
Date: 2014-12-25 12:47:35 UTC
From: QRV
Topic: 2977 Message: 2982
Attachments: 1 described; binary payloads are missing from this source WARC

Hello,

Memo functions here =>http://geip.pagesperso-orange.fr/MEMOEn.htm

and new steps => http://geip.pagesperso-orange.fr/V15En.htm

Best regards.

De : nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com]
Envoyé : mercredi 24 décembre 2014 04:11
À : nrd-525-535@yahoogroups.com
Objet : [nrd-525-535] Re: Tuning problem NRD-525

Hallelujah!

On Tuesday, December 23, 2014, Jim DiMauro radio6146@yahoo.com [nrd-525-535]
<nrd-525-535@yahoogroups.com> wrote:

On the NRD-525 it's the Run switch you need to press. The Run switch toggles between the tuning rates. That should solve your issue. - Jim

---

From: "Chris A 67shelbyaz@... <javascript:_e(%7B%7D,'cvml','67shelbyaz@...');>
[nrd-525-535]" <nrd-525-535@yahoogroups.com
<javascript:_e(%7B%7D,'cvml','nrd-525-535@yahoogroups.com');> >
To: "nrd-525-535@yahoogroups.com
<javascript:_e(%7B%7D,'cvml','nrd-525-535@yahoogroups.com');> "
<nrd-525-535@yahoogroups.com <javascript:_e(%7B%7D,'cvml','nrd-525-535@yahoogroups.com');>
>
Sent: Tuesday, December 23, 2014 8:39 PM
Subject: [nrd-525-535] Re: Tuning problem NRD-525

Thanks for the tip. However, all that did was turn off the last digit entirely. Mine is stuck on 0 when in normal mode. But thanks for trying!

On Tuesday, December 23, 2014, 'Daryll' RoadMelter@roadrunner.com
<javascript:_e(%7B%7D,'cvml','RoadMelter@...');> [nrd-525-535]
<nrd-525-535@yahoogroups.com <javascript:_e(%7B%7D,'cvml','nrd-525-535@yahoogroups.com');>
> wrote:

☐

Chris,

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time. It allows for finer tuning. Hope this helps.

Daryll

=====

----- Original Message -----

From: Chris A 67shelbyaz@... [nrd-525-535]

To: nrd-525-535@yahoogroups.com

Sent: Tuesday, December 23, 2014 3:49 PM

Subject: [nrd-525-535] Tuning problem NRD-525

Hello, new to the group. I've had my radio for over 10 years, and a few years ago my last digit on my digital display froze on "0". the result is I can only tune in .1 Khz increments instead of the usual .01 increments. Obviously this does not allow for fine tuning. I'm looking for any suggestions as to the culprit. THX.

Posted by: Chris A <67shelbyaz@...>

Posted by: Chris A <67shelbyaz@gmail.com>

Image supprimée par l'expéditeur.

2983. NRD-525 For Sale On eBay

Yahoo group: nrd-525-535
Date: 2015-01-07 02:53:21 UTC
From: TXP
Topic: 2983 Message: 2983

I hope I'm not breaking any group rules by posting this, but you all might be the most interested people I know.

I've posted for sale a NRD-525 in great condition on eBay. I hope it is priced right.

The Item ID is 221655307504

It comes from my late uncle's collection. I'm selling it, against my better judgment, because my aunt really needs the money more than I need to be entertained. Plus, I think my wife is reaching her limit on the amount of stuff I have. Cheaper to sell the radio than buy a bigger house.

Again, I apologize if I've committed a faux pas by posting about this item on eBay.

~Mark S.
Round Rock, TX

2984. NRD-525 CAT-control

Yahoo group: nrd-525-535
Date: 2015-01-22 05:50:57 UTC
From: rabej_de@...
Topic: 2984 Message: 2984

Hi list,

I am seeking help in testing a piece of software which I have written.
"Rx_Log_And_Tuner" is an MS-Excel-based application which enables the user to tune a radio receiver or SDR-software to a certain frequency by simply clicking on the appropriate value in a spreadsheet.

Although the software already supports a number of Receivers I have now also implemented CAT-control for the NRD-525.
Unfortunately I don't own an NRD-525 myself, therefore I am not able to extensively test my own implementation.
I would very much appreciate if someone with an NRD-525 and an RS-232-card connected to a PC running MS-Windows and MS-Excel (from Version 2003) would be willing to assist in testing.
Below you'll find some more information on the software.

Thanks very much in advance.

73s
Joachim Rabe
Norderstedt, Germany, JO53aq
Rx: JRC NRD-545, PERSEUS
Ant.: ALA100, HDLA-Loop, pa0rdt-MW, HDWA

The idea for "Rx_Log_And_Tuner" goes back to an experimental spreadsheet developed by by Paul Lutus in 1998.
Though originally developed to use NDB-data from Martin Francis' excellent website http://www.classaxe.com/dx/ndb/, "Rx_Log_And_Tuner" is not restricted to data solely from Rxx but can also make use of frequency-lists for SWLs such as EIBI, AOKI, EMWG, SWSKEDS etc.
It features a basic logbook which reads (if supported) the receivers VFO-frequency, the current mode of reception plus the S-meter setting.
It also has a scanner module featuring 3 different scanning modes.

The application was developed to give the user full access of any desired frequency list and to deliver intuitive operation.
It runs on MS-Excel 2003 and newer versions.

It will NOT run on any other spreadsheet application like “Open Office” etc.!

If you want to give it a try, all you need is one of the following:

- A software like Simon Brown’s “SDR-Console” or HDSDR, which already talks to your radio or

- an SDR like "Perseus" or “ELAD FDM-S2”, which can be remotely controlled via a virtual COM-port or
- a standard radio receiver connected to your PC via a CAT-cable / physical COM-port or
- an internet connection to the UoT WebSDR

Right now, the following receivers / software packages are supported and can be remotely controlled:

- AOR AR-3000A
- AOR AR-7030
- Drake R8
- ELAD FDM-S2
- R&S EK890
- HDSDR
- ICOM R-75
- ICOM R-8500
- ICOM R-9000
- ICOM R-9500
- JRC NRD-525
- JRC NRD-345
- JRC NRD-535
- JRC NRD-545
- Lowe HF-150
- PERSEUS
- RFT EKD-500
- SDR-Console
- SDR♯
- TenTec Rx340
- TenTec Rx350
- UoT WebSDR
- WinRadio Excalibur / Pro
- Yaesu FRG-100

Other receivers can (more or less) easily be added by the author or an experienced VBA-programmer, provided the CAT-command set is known and available.

Please note, that remote control is limited to

- setting the VFO-frequency
- reading the VFO-frequency (not for UoT WebSDR, Lowe HF-150)
- setting the current mode of operation (not for UoT WebSDR)
- reading the current mode of operation (not for UoT WebSDR, Lowe HF-150)
- reading the current S-meter level (not for UoT WebSDR and HDSDR, Drake R8, Lowe HF-150, NRD-525)

For selected Receivers (i.e. R&S EK-890), enhanced remote control capabilities is/will be available.

It comes with the following features:

- Easy menu
- Receiver selection

- Logbook
- Quick-log columns in any list
- Program update notification (maintaining list data upon updates)
- Station-List-Update from Rxx, EIBI, AOKI, EMWG, SWSKEDS
- Update locations configurable
- Distance- and bearing - calculation from Rxx data and your maidenhead locator
- Three different scanner modes
- Open for virtually any other frequency list
- Perseus-like direct receiver control for VFO-frequency and mode
- Enhanced receiver control for selected receivers
- "Beacon search" and "Reverse frequency search"

2985. Re: [nrd-525-535] NRD-525 CAT-control

Yahoo group: nrd-525-535
Date: 2015-01-22 06:49:48 UTC
From: Barry Williams
Topic: 2984 Message: 2985

I have an NRD 525 and purchased the RS232 card for it, but currently in the To Be Done file. It may take a week or two to get it up and operational. I do have a computer running Excel 2007 with a serial adapter. Hopefully someone else is already set up to test.

73,
Barry
KD5VC

Sent from my Verizon Wireless 4G LTE DROID

"rabej_de@yahoo.de [nrd-525-535]" <nrd-525-535@yahoogroups.com> wrote:

>
>
>Hi list,
>
>I am seeking help in testing a piece of software which I have written.
>"Rx_Log_And_Tuner" is an MS-Excel-based application which enables the user to tune a radio receiver or SDR-software to a certain frequency by simply clicking on the appropriate value in a spreadsheet.
>
>Although the software already supports a number of Receivers I have now also implemented CAT-control for the NRD-525.
>Unfortunately I don't own an NRD-525 myself, therefore I am not able to extensively test my own implementation.
>I would very much appreciate if someone with an NRD-525 and an RS-232-card connected to a PC running MS-Windows and MS-Excel (from Version 2003) would be willing to assist in testing.
>Below you'll find some more information on the software.
>
>Thanks very much in advance.
>
>73s
>Joachim Rabe
>Norderstedt, Germany, JO53aq
>Rx: JRC NRD-545, PERSEUS
>Ant.: ALA100, HDLA-Loop, pa0rdt-MW, HDWA
>
>----------
>
>The idea for "Rx_Log_And_Tuner" goes back to an experimental spreadsheet developed by by Paul Lutus in 1998.
>Though originally developed to use NDB-data from Martin Francis' excellent website http://www.classaxe.com/dx/ndb/, "Rx_Log_And_Tuner" is not restricted to data solely from Rxx but can also make use of frequency-lists for SWLs such as EIBI, AOKI, EMWG, SWSKEDS

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>It features a basic logbook which reads (if supported) the receivers VFO-frequency, the current mode of reception plus the S-meter setting.
>It also has a scanner module featuring 3 different scanning modes.
>
>The application was developed to give the user full access of any desired frequency list and to deliver intuitive operation.
>It runs on MS-Excel 2003 and newer versions.
>
>It will NOT run on any other spreadsheet application like “Open Office” etc.!
>
>If you want to give it a try, all you need is one of the following:
>
>- A software like Simon Brown’s “SDR-Console” or HDSDR, which already talks to your radio or
>- an SDR like "Perseus" or “ELAD FDM-S2”, which can be remotely controlled via a virtual COM-port or
>- a standard radio receiver connected to your PC via a CAT-cable / physical COM-port or
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>
>Right now, the following receivers / software packages are supported and can be remotely controlled:
>
>- AOR AR-3000A
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>- ICOM R-9500
>- JRC NRD-525
>- JRC NRD-345
>- JRC NRD-535
>- JRC NRD-545
>- Lowe HF-150
>- PERSEUS
>- RFT EKD-500
>- SDR-Console
>- SDR♯
>- TenTec Rx340
>- TenTec Rx350
>- UoT WebSDR
>- WinRadio Excalibur / Pro
>- Yaesu FRG-100
>
>Other receivers can (more or less) easily be added by the author or an experienced VBA-programmer, provided the CAT-command set is known and available.
>

>Please note, that remote control is limited to
>
>- setting the VFO-frequency
>- reading the VFO-frequency (not for UoT WebSDR, Lowe HF-150)
>- setting the current mode of operation (not for UoT WebSDR)
>- reading the current mode of operation (not for UoT WebSDR, Lowe HF-150)
>- reading the current S-meter level (not for UoT WebSDR and HDSDR, Drake R8, Lowe HF-150, NRD-525)
>
>For selected Receivers (i.e. R&S EK-890), enhanced remote control capabilities is/will be available.
>
>It comes with the following features:
>
>- Easy menu
>- Receiver selection
>- Logbook
>- Quick-log columns in any list
>- Program update notification (maintaining list data upon updates)
>- Station-List-Update from Rxx, EIBI, AOKI, EMWG, SWSKEDS
>- Update locations configurable
>- Distance- and bearing - calculation from Rxx data and your maidenhead locator
>- Three different scanner modes
>- Open for virtually any other frequency list
>- Perseus-like direct receiver control for VFO-frequency and mode
>- Enhanced receiver control for selected receivers
>- "Beacon search" and "Reverse frequency search"
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px;

} div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

2986. NRD 535 12 V power cable or plug.

Yahoo group: nrd-525-535
Date: 2015-01-22 07:41:39 UTC
From: g_marconi@...
Topic: 2986 Message: 2986

Hello OMs,
I am searching a 12 V power cable or plug for my JRC NRD 535. Or where can i order one ?
73, Gerhard from Salzburg

2987. Re: [nrd-525-535] NRD-525 CAT-control

Yahoo group: nrd-525-535
Date: 2015-01-22 12:23:39 UTC
From: Bianca
Topic: 2984 Message: 2987

Joachim
I have office 2003 running herebut the JRC NDR 535 i just bought, so i am not connected the receiver to the computer yet.In the future i want to do that, because of a dutchmanwho wrote a program for the 535-545http://home.wxs.nl/~jarkest/rxw/downloads/RxWings23.pdfso in the future i will try his program, and if the connection is therebetween the computer and 535then i can try your program too
BartReceiver: JRC NRD 535 - DX-Patrol SDR
Antenna: Miniwhip.

From: "rabej_de@... [nrd-525-535]" <nrd-525-535@yahoogroups.com>
To: nrd-525-535@yahoogroups.com
Sent: Thursday, January 22, 2015 6:50 AM
Subject: [nrd-525-535] NRD-525 CAT-control

Hi list,

I am seeking help in testing a piece of software which I have written.
"Rx_Log_And_Tuner" is an MS-Excel-based application which enables the user to tune a radio receiver or SDR-software to a certain frequency by simply clicking on the appropriate value in a spreadsheet.

Although the software already supports a number of Receivers I have now also implemented CAT-control for the NRD-525.
Unfortunately I don't own an NRD-525 myself, therefore I am not able to extensively test my own implementation.
I would very much appreciate if someone with an NRD-525 and an RS-232-card connected to a PC running MS-Windows and MS-Excel (from Version 2003) would be willing to assist in testing.
Below you'll find some more information on the software.

Thanks very much in advance.

73s
Joachim Rabe
Norderstedt, Germany, JO53aq
Rx: JRC NRD-545, PERSEUS
Ant.: ALA100, HDLA-Loop, pa0rdt-MW, HDWA

The idea for "Rx_Log_And_Tuner" goes back to an experimental spreadsheet developed by by Paul Lutus in 1998.
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etc.
It features a basic logbook which reads (if supported) the receivers VFO-frequency, the current mode of reception plus the S-meter setting.
It also has a scanner module featuring 3 different scanning modes.

The application was developed to give the user full access of any desired frequency list and to deliver intuitive operation.
It runs on MS-Excel 2003 and newer versions.

It will NOT run on any other spreadsheet application like “Open Office” etc.!

If you want to give it a try, all you need is one of the following:

- A software like Simon Brown’s “SDR-Console” or HDSDR, which already talks to your radio or
- an SDR like "Perseus" or “ELAD FDM-S2”, which can be remotely controlled via a virtual COM-port or
- a standard radio receiver connected to your PC via a CAT-cable / physical COM-port or
- an internet connection to the UoT WebSDR

Right now, the following receivers / software packages are supported and can be remotely controlled:

- AOR AR-3000A
- AOR AR-7030
- Drake R8
- ELAD FDM-S2
- R&S EK890
- HDSDR
- ICOM R-75
- ICOM R-8500
- ICOM R-9000
- ICOM R-9500
- JRC NRD-525
- JRC NRD-345
- JRC NRD-535
- JRC NRD-545
- Lowe HF-150
- PERSEUS
- RFT EKD-500
- SDR-Console
- SDR#
- TenTec Rx340
- TenTec Rx350
- UoT WebSDR
- WinRadio Excalibur / Pro
- Yaesu FRG-100

Other receivers can (more or less) easily be added by the author or an experienced VBA-programmer, provided the CAT-command set is known and available.

Please note, that remote control is limited to

- setting the VFO-frequency
- reading the VFO-frequency (not for UoT WebSDR, Lowe HF-150)
- setting the current mode of operation (not for UoT WebSDR)
- reading the current mode of operation (not for UoT WebSDR, Lowe HF-150)
- reading the current S-meter level (not for UoT WebSDR and HDSDR, Drake R8, Lowe HF-150, NRD-525)

For selected Receivers (i.e. R&S EK-890), enhanced remote control capabilities is/will be available.

It comes with the following features:

- Easy menu
- Receiver selection
- Logbook
- Quick-log columns in any list
- Program update notification (maintaining list data upon updates)
- Station-List-Update from Rxx, EIBI, AOKI, EMWG, SWSKEDS
- Update locations configurable
- Distance- and bearing - calculation from Rxx data and your maidenhead locator
- Three different scanner modes
- Open for virtually any other frequency list
- Perseus-like direct receiver control for VFO-frequency and mode
- Enhanced receiver control for selected receivers
- "Beacon search" and "Reverse frequency search"

2988. your question

Yahoo group: nrd-525-535
Date: 2015-01-22 12:26:27 UTC
From: Bianca
Topic: 2988 Message: 2988

Joachim
I have office 2003 running herebut the JRC NDR 535 i just bought, so i am not connected the receiver to the computer yet.In the future i want to do that, because of a dutchmanwho wrote a program for the 535-545http://home.wxs.nl/~jarkest/rxw/downloads/RxWings23.pdfso in the future i will try his program, and if the connection is therebetween the computer and 535then i can try your program too
BartReceiver: JRC NRD 535 - DX-Patrol SDR
Antenna: Miniwhip.

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Although the software already supports a number of Receivers I have now also implemented CAT-control for the NRD-525.
Unfortunately I don't own an NRD-525 myself, therefore I am not able to extensively test my own implementation.
I would very much appreciate if someone with an NRD-525 and an RS-232-card connected to a PC running MS-Windows and MS-Excel (from Version 2003) would be willing to assist in testing.
Below you'll find some more information on the software.

Thanks very much in advance.

73s
Joachim Rabe
Norderstedt, Germany, JO53aq
Rx: JRC NRD-545, PERSEUS
Ant.: ALA100, HDLA-Loop, pa0rdt-MW, HDWA

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- a standard radio receiver connected to your PC via a CAT-cable / physical COM-port or
- an internet connection to the UoT WebSDR

Right now, the following receivers / software packages are supported and can be remotely controlled:

- AOR AR-3000A
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- JRC NRD-345
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- JRC NRD-545
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- TenTec Rx340
- TenTec Rx350
- UoT WebSDR
- WinRadio Excalibur / Pro
- Yaesu FRG-100

Other receivers can (more or less) easily be added by the author or an experienced VBA-programmer, provided the CAT-command set is known and available.

Please note, that remote control is limited to

- setting the VFO-frequency
- reading the VFO-frequency (not for UoT WebSDR, Lowe HF-150)
- setting the current mode of operation (not for UoT WebSDR)
- reading the current mode of operation (not for UoT WebSDR, Lowe HF-150)
- reading the current S-meter level (not for UoT WebSDR and HDSDR, Drake R8, Lowe

HF-150, NRD-525)

For selected Receivers (i.e. R&S EK-890), enhanced remote control capabilities is/will be available.

It comes with the following features:

- Easy menu
- Receiver selection
- Logbook
- Quick-log columns in any list
- Program update notification (maintaining list data upon updates)
- Station-List-Update from Rxx, EIBI, AOKI, EMWG, SWSKEDS
- Update locations configurable
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- Three different scanner modes
- Open for virtually any other frequency list
- Perseus-like direct receiver control for VFO-frequency and mode
- Enhanced receiver control for selected receivers
- "Beacon search" and "Reverse frequency search" Posted by: rabej_de@...

2989. Re: [nrd-525-535] NRD-525 CAT-control

Yahoo group: nrd-525-535
Date: 2015-01-22 13:43:47 UTC
From: adriaanaarts@...
Topic: 2984 Message: 2989

I have used the RXwings programm which is doing well.

Later I decided to use the following program for my NRD535:
My Software http://hb9rxc.homeip.net/software.htm

http://hb9rxc.homeip.net/software.htm

My Software http://hb9rxc.homeip.net/software.htm RXCommander-8.0 Short description: a nice and simple JRC-525 (and JRC-535) remote-control software with : Editable list of frequency Full remote control or mo...

View on hb9rxc.homeip.net http://hb9rxc.homeip.net/software.htm
Preview by Yahoo

It works also with the NRD525.
I was surprised that the version is updated to version 8.0.
I now try to ask HB9RXC what are the differences between the former versions.
If you want to use your radio online you can use the client version:
RXCommander Client - Server http://hb9rxc.homeip.net/software2.htm

Best regards,
Adriaan.

http://hb9rxc.homeip.net/software2.htm

RXCommander Client - Server http://hb9rxc.homeip.net/software2.htm RXCommander Client - Server 6.5 Installation instructions: After the installation, you will find both server and client software on the installation folder...

View on hb9rxc.homeip.net http://hb9rxc.homeip.net/software2.htm
Preview by Yahoo

2990. AW: [nrd-525-535] your question

Yahoo group: nrd-525-535
Date: 2015-01-22 19:13:30 UTC
From: Joachim Rabe
Topic: 2988 Message: 2990

Thanks Bart,

my program already runs the NRD-535 and NRD-545.

So if you'd like to use it just download it from http://www.k-code.de/rx-tuner/.

Unfortunately I don't own an NRD-525 and therefore couldn't really test my code so far.

73s

Joachim Rabe

Von: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com]
Gesendet: Donnerstag, 22. Januar 2015 13:26
An: rabej_de@... [nrd-525-535]
Betreff: [nrd-525-535] your question

Joachim

I have office 2003 running here

but the JRC NDR 535 i just bought, so i am not

connected the receiver to the computer yet.

In the future i want to do that, because of a dutchman

who wrote a program for the 535-545

http://home.wxs.nl/~jarkest/rxw/downloads/RxWings23.pdf
<http://home.wxs.nl/%7Ejarkest/rxw/downloads/RxWings23.pdf>

so in the future i will try his program, and if the connection is there

between the computer and 535

then i can try your program too

Bart

Receiver: JRC NRD 535 - DX-Patrol SDR

Antenna: Miniwhip.

Hi list,

I am seeking help in testing a piece of software which I have written.
"Rx_Log_And_Tuner" is an MS-Excel-based application which enables the user to tune a radio receiver or SDR-software to a certain frequency by simply clicking on the appropriate value in a spreadsheet.

Although the software already supports a number of Receivers I have now also implemented CAT-control for the NRD-525.
Unfortunately I don't own an NRD-525 myself, therefore I am not able to extensively test my own implementation.
I would very much appreciate if someone with an NRD-525 and an RS-232-card connected to a PC running MS-Windows and MS-Excel (from Version 2003) would be willing to assist in testing.
Below you'll find some more information on the software.

Thanks very much in advance.

73s
Joachim Rabe
Norderstedt, Germany, JO53aq
Rx: JRC NRD-545, PERSEUS
Ant.: ALA100, HDLA-Loop, pa0rdt-MW, HDWA

The idea for "Rx_Log_And_Tuner" goes back to an experimental spreadsheet developed by by Paul Lutus in 1998.
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It also has a scanner module featuring 3 different scanning modes.

The application was developed to give the user full access of any desired frequency list and to deliver intuitive operation.
It runs on MS-Excel 2003 and newer versions.

It will NOT run on any other spreadsheet application like “Open Office” etc.!

If you want to give it a try, all you need is one of the following:

- A software like Simon Brown’s “SDR-Console” or HDSDR, which already talks to your radio or
- an SDR like "Perseus" or “ELAD FDM-S2”, which can be remotely controlled via a virtual COM-port or
- a standard radio receiver connected to your PC via a CAT-cable / physical COM-port or
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Right now, the following receivers / software packages are supported and can be remotely controlled:

- AOR AR-3000A
- AOR AR-7030
- Drake R8
- ELAD FDM-S2
- R&S EK890
- HDSDR

- ICOM R-75
- ICOM R-8500
- ICOM R-9000
- ICOM R-9500
- JRC NRD-525
- JRC NRD-345
- JRC NRD-535
- JRC NRD-545
- Lowe HF-150
- PERSEUS
- RFT EKD-500
- SDR-Console
- SDR#
- TenTec Rx340
- TenTec Rx350
- UoT WebSDR
- WinRadio Excalibur / Pro
- Yaesu FRG-100

Other receivers can (more or less) easily be added by the author or an experienced VBA-programmer, provided the CAT-command set is known and available.

Please note, that remote control is limited to

- setting the VFO-frequency
- reading the VFO-frequency (not for UoT WebSDR, Lowe HF-150)
- setting the current mode of operation (not for UoT WebSDR)
- reading the current mode of operation (not for UoT WebSDR, Lowe HF-150)
- reading the current S-meter level (not for UoT WebSDR and HDSDR, Drake R8, Lowe HF-150, NRD-525)

For selected Receivers (i.e. R&S EK-890), enhanced remote control capabilities is/will be available.

It comes with the following features:

- Easy menu
- Receiver selection
- Logbook
- Quick-log columns in any list
- Program update notification (maintaining list data upon updates)
- Station-List-Update from Rxx, EIBI, AOKI, EMWG, SWSKEDS
- Update locations configurable
- Distance- and bearing - calculation from Rxx data and your maidenhead locator
- Three different scanner modes
- Open for virtually any other frequency list
- Perseus-like direct receiver control for VFO-frequency and mode
- Enhanced receiver control for selected receivers
- "Beacon search" and "Reverse frequency search"

_____

Posted by: rabej_de@... <mailto:rabej_de@yahoo.de>

2991. AW: [nrd-525-535] NRD-525 CAT-control

Yahoo group: nrd-525-535
Date: 2015-01-22 19:16:51 UTC
From: Joachim Rabe
Topic: 2984 Message: 2991

Thanks, Barry,

whenever you’re ready, just let me know and I’ll provide a download link for the test version.

73s

Joachim Rabe

Von: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com]
Gesendet: Donnerstag, 22. Januar 2015 07:50
An: nrd-525-535@yahoogroups.com
Betreff: Re: [nrd-525-535] NRD-525 CAT-control

I have an NRD 525 and purchased the RS232 card for it, but currently in the To Be Done file. It may take a week or two to get it up and operational. I do have a computer running Excel 2007 with a serial adapter. Hopefully someone else is already set up to test.

73,

Barry

KD5VC

Sent from my Verizon Wireless 4G LTE DROID

"rabej_de@... [nrd-525-535] <mailto:rabej_de@yahoo.de%20[nrd-525-535]> "
<nrd-525-535@yahoogroups.com <mailto:nrd-525-535@yahoogroups.com> > wrote:

Hi list,

I am seeking help in testing a piece of software which I have written.
"Rx_Log_And_Tuner" is an MS-Excel-based application which enables the user to tune a radio receiver or SDR-software to a certain frequency by simply clicking on the appropriate value in a spreadsheet.

Although the software already supports a number of Receivers I have now also implemented CAT-control for the NRD-525.
Unfortunately I don't own an NRD-525 myself, therefore I am not able to extensively test my own implementation.
I would very much appreciate if someone with an NRD-525 and an RS-232-card connected to a PC running MS-Windows and MS-Excel (from Version 2003) would be willing to assist in testing.
Below you'll find some more information on the software.

Thanks very much in advance.

73s
Joachim Rabe

Norderstedt, Germany, JO53aq
Rx: JRC NRD-545, PERSEUS
Ant.: ALA100, HDLA-Loop, pa0rdt-MW, HDWA

The idea for "Rx_Log_And_Tuner" goes back to an experimental spreadsheet developed by by Paul Lutus in 1998.
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If you want to give it a try, all you need is one of the following:

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- an internet connection to the UoT WebSDR

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- JRC NRD-525
- JRC NRD-345
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- JRC NRD-545
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- SDR#
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- TenTec Rx350
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- Yaesu FRG-100

Other receivers can (more or less) easily be added by the author or an experienced VBA-programmer, provided the CAT-command set is known and available.

Please note, that remote control is limited to

- setting the VFO-frequency
- reading the VFO-frequency (not for UoT WebSDR, Lowe HF-150)
- setting the current mode of operation (not for UoT WebSDR)
- reading the current mode of operation (not for UoT WebSDR, Lowe HF-150)
- reading the current S-meter level (not for UoT WebSDR and HDSDR, Drake R8, Lowe HF-150, NRD-525)

For selected Receivers (i.e. R&S EK-890), enhanced remote control capabilities is/will be available.

It comes with the following features:

- Easy menu
- Receiver selection
- Logbook
- Quick-log columns in any list
- Program update notification (maintaining list data upon updates)
- Station-List-Update from Rxx, EIBI, AOKI, EMWG, SWSKEDS
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- Open for virtually any other frequency list
- Perseus-like direct receiver control for VFO-frequency and mode
- Enhanced receiver control for selected receivers
- "Beacon search" and "Reverse frequency search"

2992. Re: AW: [nrd-525-535] your question

Yahoo group: nrd-525-535
Date: 2015-01-22 21:09:48 UTC
From: Bianca
Topic: 2988 Message: 2992

I have a friend, he has the 525, but never tried to connect it to his computeraffraid that the receiver might stop working.
Thanks for the linkwill take a look at it.I bought a second had 535, looks like new from the box.Wonderful machineHave it for 4 weeks now.Nice piece of hardware they made
Bart

From: "'Joachim Rabe' rabej_de@... [nrd-525-535]" <nrd-525-535@yahoogroups.com>
To: nrd-525-535@yahoogroups.com
Sent: Thursday, January 22, 2015 8:13 PM
Subject: AW: [nrd-525-535] your question

Thanks Bart, my program already runs the NRD-535 and NRD-545.So if you'd like to use it just download it from http://www.k-code.de/rx-tuner/. Unfortunately I don't own an NRD-525 and therefore couldn't really test my code so far. 73s Joachim Rabe Von: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com]
Gesendet: Donnerstag, 22. Januar 2015 13:26
An: rabej_de@... [nrd-525-535]
Betreff: [nrd-525-535] your question Joachim I have office 2003 running herebut the JRC NDR 535 i just bought, so i am not connected the receiver to the computer yet.In the future i want to do that, because of a dutchmanwho wrote a program for the 535-545http://home.wxs.nl/~jarkest/rxw/downloads/RxWings23.pdfso in the future i will try his program, and if the connection is therebetween the computer and 535then i can try your program too BartReceiver: JRC NRD 535 - DX-Patrol SDR Antenna: Miniwhip. Hi list,

I am seeking help in testing a piece of software which I have written.
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Although the software already supports a number of Receivers I have now also implemented CAT-control for the NRD-525.
Unfortunately I don't own an NRD-525 myself, therefore I am not able to extensively test my own implementation.
I would very much appreciate if someone with an NRD-525 and an RS-232-card connected to a PC running MS-Windows and MS-Excel (from Version 2003) would be willing to assist in testing.
Below you'll find some more information on the software.

Thanks very much in advance.

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- SDR♯
- TenTec Rx340
- TenTec Rx350
- UoT WebSDR

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- Yaesu FRG-100

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- reading the VFO-frequency (not for UoT WebSDR, Lowe HF-150)
- setting the current mode of operation (not for UoT WebSDR)
- reading the current mode of operation (not for UoT WebSDR, Lowe HF-150)
- reading the current S-meter level (not for UoT WebSDR and HDSDR, Drake R8, Lowe HF-150, NRD-525)

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- Perseus-like direct receiver control for VFO-frequency and mode
- Enhanced receiver control for selected receivers
- "Beacon search" and "Reverse frequency search"Posted by: rabej_de@...

2993. Re: [nrd-525-535] NRD 535 12 V power cable or plug.

Yahoo group: nrd-525-535
Date: 2015-01-23 03:25:50 UTC
From: Brian Denley
Topic: 2986 Message: 2993

Are these the long red and black cables that come with the NRD-535D?

Sent from my iPad

> On Jan 22, 2015, at 2:41 AM, g_marconi@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:
>
> Hello OMs,
> I am searching a 12 V power cable or plug for my JRC NRD 535. Or where can i order one ?
> 73, Gerhard from Salzburg
>
>
>
>

2994. Re: [nrd-525-535] NRD 535 12 V power cable or plug.

Yahoo group: nrd-525-535
Date: 2015-01-23 05:57:25 UTC
From: gerhard
Topic: 2986 Message: 2994

Yes I think so, This cable has to plug in in the small 2-pin-socket on the rear.I want to do some fieldday activities and therefore I need a 12V power connection.Do you have a reseller for this unit (12 - V cable)thanks, Gerhard

Von: "Brian Denley b.denley@... [nrd-525-535]" <nrd-525-535@yahoogroups.com>
An: "nrd-525-535@yahoogroups.com" <nrd-525-535@yahoogroups.com>
Gesendet: 4:25 Freitag, 23.Januar 2015
Betreff: Re: [nrd-525-535] NRD 535 12 V power cable or plug.

Are these the long red and black cables that come with the NRD-535D?

Sent from my iPad
On Jan 22, 2015, at 2:41 AM, g_marconi@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:

Hello OMs,
I am searching a 12 V power cable or plug for my JRC NRD 535. Or where can i order one ?
73, Gerhard from Salzburg

2995. Re: NRD 535 12 V power cable or plug.

Yahoo group: nrd-525-535
Date: 2015-01-23 22:45:24 UTC
From: caladonia5560@...
Topic: 2986 Message: 2995

Check with kenselectronics.com. The part number is CBH2W for a plug with cord for $4.88 plus shipping. I bought one there for my Kenwood R-5000 and it also fits my NRD-525. The NRD-535 should be the same.

Les

2996. Re: [nrd-525-535] NRD 535 12 V power cable or plug.

Yahoo group: nrd-525-535
Date: 2015-01-24 04:00:14 UTC
From: Brian Denley
Topic: 2986 Message: 2996

Gerard:
I was looking at the ones that came with my 535D. One is a red and black wire with a black female two pin connector on one end, a 3A fuse and base leads on the other end. The other set is a heavier gauge red and black wire with a white locking two pin connector, no fuse and bare leads on the other end. One may be for an automobile installation. I can send pictures if you like. Also, if you can't find any, I can send you mine. They are unused but I have no use for them.

Brian
KB1VBF
Boston MA

Sent from my iPad

> On Jan 23, 2015, at 12:57 AM, gerhard g_marconi@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:
>
> Yes I think so, This cable has to plug in in the small 2-pin-socket on the rear.
> I want to do some fieldday activities and therefore I need a 12V power connection.
> Do you have a reseller for this unit (12 - V cable)
> thanks, Gerhard
>
> Von: "Brian Denley b.denley@... [nrd-525-535]" <nrd-525-535@yahoogroups.com>
> An: "nrd-525-535@yahoogroups.com" <nrd-525-535@yahoogroups.com>
> Gesendet: 4:25 Freitag, 23.Januar 2015
> Betreff: Re: [nrd-525-535] NRD 535 12 V power cable or plug.
>
>
> Are these the long red and black cables that come with the NRD-535D?
>
> Sent from my iPad
>
>> On Jan 22, 2015, at 2:41 AM, g_marconi@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:
>>
>>
>> Hello OMs,
>> I am searching a 12 V power cable or plug for my JRC NRD 535. Or where can i order one ?
>> 73, Gerhard from Salzburg
>
>
>
>

2997. 525's F.S.

Yahoo group: nrd-525-535
Date: 2015-01-24 16:38:18 UTC
From: kj4umn@...
Topic: 2997 Message: 2997

Sorry about a F.S.- but I would like to give the group priority before the infamous auction site.

I have two (2) 525's, both in excellent condition (maybe a few minor scratches). Both work great.

I just acquired a 535 so I would like to sell the 525's. Email me for pictures. I am not the original owner of either.

Either one is $400.00 including UPS shipment within the CONUS (continental U.S.) Overseas shipping would be extra. $750 for both. They would be double boxed and insured for the full value.

2998. Re: [nrd-525-535] NRD 535 12 V power cable or plug.

Yahoo group: nrd-525-535
Date: 2015-01-27 06:41:09 UTC
From: g_marconi@...
Topic: 2986 Message: 2998

Brian,
thank you for your offer but I think I can get this cable here in Europe.(I hpe so...)

73
Gerhard from Salzburg

2999. NRD 535 in a 19 inch Box ?

Yahoo group: nrd-525-535
Date: 2015-02-10 06:26:42 UTC
From: g_marconi@...
Topic: 2999 Message: 2999

Hi OMs,

has anyone of you ever installed the 535 inch in a 19 inch housing?

I have a 19 inch box and woul like to instll ma NRD 535 in there. With Antenna Coupler and a 12 V Power-Supply or a 12 V Battery. So i could be on Fielddays.

Any idea ?
73, Gerhard from Salzburg
(still shortwave excited)

3000. power source getting warm/hot

Yahoo group: nrd-525-535
Date: 2015-02-28 11:07:59 UTC
From: fly-fechter@...
Topic: 3000 Message: 3000

Hello,
My set - NRD 525 - is run at 220V A/C, i.e. the normal setting here in Germany.
What strikes me is the fact that its power source unit at its back gets quite warm already after some minutes use. When switching off the power the heat there drops ownly slowly..
Is this normal ?
Is it advisible to switch off the set after say one hour`s use to allow it to cool off ?
Thanks in advance for your advice.
Regards,
Roland.

3001. Re: [nrd-525-535] power source getting warm/hot

Yahoo group: nrd-525-535
Date: 2015-02-28 11:38:38 UTC
From: Casy_ch
Topic: 3000 Message: 3001

Roland

To my knowledge the rating of the German powernet is 240VAC as it is here. If you have set the voltage to 220VAC on the NRD-525 it is not good. Set it to 240VAC.

Jean-Claude, HB3YDH

Am 28.02.2015 um 12:07 schrieb fly-fechter@... [nrd-525-535]:
>
> Hello,
>
> My set - NRD 525 - is run at 220V A/C, i.e. the normal setting here in
> Germany.
>
> What strikes me is the fact that its power source unit at its back
> gets quite warm already after some minutes use. When switching off the
> power the heat there drops ownly slowly..
>
> Is this normal ?
>
> Is it advisible to switch off the set after say one hour`s use to
> allow it to cool off ?
>
> Thanks in advance for your advice.
>
> Regards,
>
> Roland.
>
>

3002. Re: [nrd-525-535] power source getting warm/hot

Yahoo group: nrd-525-535
Date: 2015-02-28 15:44:05 UTC
From: David Sharp
Topic: 3000 Message: 3002

Another solution is to power the rx from a DC power source. That's what I use with my NRD- works fine- and the rx stays cool.

Sent from David Sharp's iPhone

> On 28 Feb 2015, at 22:38, Casy_ch casy_ch@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:
>
>
>
> Roland
>
> To my knowledge the rating of the German powernet is 240VAC as it is here. If you have set the voltage to 220VAC on the NRD-525 it is not good. Set it to 240VAC.
>
> Jean-Claude, HB3YDH
>
>
>
>> Am 28.02.2015 um 12:07 schrieb fly-fechter@... [nrd-525-535]:
>> Hello,
>>
>> My set - NRD 525 - is run at 220V A/C, i.e. the normal setting here in Germany.
>>
>> What strikes me is the fact that its power source unit at its back gets quite warm already after some minutes use. When switching off the power the heat there drops ownly slowly..
>>
>> Is this normal ?
>>
>> Is it advisible to switch off the set after say one hour`s use to allow it to cool off ?
>>
>> Thanks in advance for your advice.
>>
>> Regards,
>>
>> Roland.
>>
>
>
>
>
>
>
>
> _____

3003. Re: [nrd-525-535] power source getting warm/hot

Yahoo group: nrd-525-535
Date: 2015-02-28 16:03:17 UTC
From: Daryll
Topic: 3000 Message: 3003

It is often better to run the set on DC, that way the interior power supply is bypassed and no power supply heat is present. Power supplies here in the USA have 120 VAC in, and about 13.8 VDC out. Does the European version of the 525 have the 13.8 VDC input on the rear, just above the AC input? You should be able to get a European power supply that does 240 VAC in and 13.8 VDC out.

----- Original Message -----
From: fly-fechter@t-online.de [nrd-525-535]
To: nrd-525-535@yahoogroups.com
Sent: Saturday, February 28, 2015 6:07 AM
Subject: [nrd-525-535] power source getting warm/hot

Hello,

My set - NRD 525 - is run at 220V A/C, i.e. the normal setting here in Germany.

What strikes me is the fact that its power source unit at its back gets quite warm already after some minutes use. When switching off the power the heat there drops ownly slowly..

Is this normal ?

Is it advisible to switch off the set after say one hour`s use to allow it to cool off ?

Thanks in advance for your advice.

Regards,

Roland.

3004. JRC NRD 525 led staying red after startup?

Yahoo group: nrd-525-535
Date: 2015-02-28 20:25:22 UTC
From: mika moilanen
Topic: 3004 Message: 3004

Didnt find any answer from manual.. maybe someone knows?

When i turn on my JRC NRD 525 the CPU board two leds keep staying red

Does it mean error? all other leds blink red, then go off once started up.
The receiver seems to receive all ok.

Receiver has CBO 232 board attached to it, and a narrow filter, dont know about other mods done to it.

Also going to Recap all the old Panasonic SU capacitors with Panasonic FC 10uf 50V capacitors, i found 4 with tops bulged out..

3005. RE: [nrd-525-535] JRC NRD 525 led staying red after startup?

Yahoo group: nrd-525-535
Date: 2015-03-01 08:17:17 UTC
From: QRV
Topic: 3004 Message: 3005
Attachments: 2 described; binary payloads are missing from this source WARC

Hello,

it is not an error, 2 LED blink red in normal mode, see here :

http://geip.pagesperso-orange.fr/Images/NRD525/Tab/Led.gif

CD6 LED is red in normal mode PBS position (center).

CD7 LED is red in normal mode BFO position (center).

Best regards,

Christophe

<mailto:QRV@...> QRV@...

<http://geip.pagesperso-orange.fr/NRD525En.htm>
http://geip.pagesperso-orange.fr/NRD525En.htm

De : nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com]
Envoyé : samedi 28 février 2015 21:25
À : nrd-525-535@yahoogroups.com
Objet : [nrd-525-535] JRC NRD 525 led staying red after startup?

Didnt find any answer from manual.. maybe someone knows?

When i turn on my JRC NRD 525 the CPU board two leds keep staying red

Does it mean error? all other leds blink red, then go off once started up.
The receiver seems to receive all ok.

Receiver has CBO 232 board attached to it, and a narrow filter, dont know about other mods done to it.

Also going to Recap all the old Panasonic SU capacitors with Panasonic FC 10uf 50V capacitors, i found 4 with tops bulged out..

3006. I think AGC stopped working ?

Yahoo group: nrd-525-535
Date: 2015-03-23 02:58:48 UTC
From: sm_rowe@...
Topic: 3006 Message: 3006

I have a NRD 525G serial number 51485

Not sure if this was asked or where to find the answers ..

I think my AGC stopped working - the sensitivity seems to be missing

Is there a way to be sure and a couple of tips to check it ? by pressing some buttons .. etc..

What is the proper replacement board to fix this problem ?

where could I get a new board besides eBay ??

thanks a lot Shawn from Canada

3007. Re: [nrd-525-535] I think AGC stopped working ?

Yahoo group: nrd-525-535
Date: 2015-03-23 17:38:16 UTC
From: John Reed
Topic: 3006 Message: 3007

It’s probably not the AGC. You can check this by turning the AGC off and using the RF GAIN control instead. If the sensitivity is still low at max RF gain it’s not the AGC. Most likely the front end has been shocked by high values of EMF from lightning or other spikes from the antenna. That will cause low sensitivity.

From: mailto:nrd-525-535@yahoogroups.com
Sent: Sunday, March 22, 2015 9:58 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] I think AGC stopped working ?

I have a NRD 525G serial number 51485

Not sure if this was asked or where to find the answers ..

I think my AGC stopped working - the sensitivity seems to be missing

Is there a way to be sure and a couple of tips to check it ? by pressing some buttons .. etc..

What is the proper replacement board to fix this problem ?

where could I get a new board besides eBay ??

thanks a lot Shawn from Canada

3008. anyone know the filter on top

Yahoo group: nrd-525-535
Date: 2015-03-29 10:52:17 UTC
From: paul sprangers
Topic: 3008 Message: 3008
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

3009. Re: anyone know the filter on top

Yahoo group: nrd-525-535
Date: 2015-03-29 11:32:18 UTC
From: adriaanaarts@...
Topic: 3008 Message: 3009

I think you can find it here:
Kiwa's Published Reviews http://www.kiwa.com/goodwin.htm

http://www.kiwa.com/goodwin.htm

Kiwa's Published Re... http://www.kiwa.com/goodwin.htm Title page Fine Tuning's Proceedings 1992/93 The Kiwa I.F. Filter Module James Goo...

View on www.kiwa.com http://www.kiwa.com/goodwin.htm
Preview by Yahoo

3010. Re: NRD-525 CAT-control

Yahoo group: nrd-525-535
Date: 2015-03-29 13:33:57 UTC
From: jrbluz2@...
Topic: 2984 Message: 3010

Hello, I have a NRD525 that a friend of mine gave to me to play with. He had it with all the boards including the rs232 interface. If I can help let me know. He also gave me a RX340. Just let me know what I need and we'll see if I can help.
Wayne

3011. JRC-NRD-535 F.S.

Yahoo group: nrd-525-535
Date: 2015-04-10 21:56:15 UTC
From: kj4umn@...
Topic: 3011 Message: 3011

For Sale a like new JRC-NRD-535. email me for pictures. Works perfectly.
Shipped by UPS insured. $600.00 including shipping- CONUS ONLY!
Shipped from near Tampa, FL. Local pick available in Zephyrhills, FL- will deduct cost of shipping for local pickup.

Get it now before it goes up for auction.

KJ4UMN

3012. Re: [nrd-525-535] JRC-NRD-535 F.S.

Yahoo group: nrd-525-535
Date: 2015-04-11 00:04:51 UTC
From: Barry Williams
Topic: 3011 Message: 3012

I'm interested in your 535. Can you send pictures, and do you take Paypal?

Thanks,
Barry
KD5VC
On Apr 10, 2015 4:56 PM, "kj4umn@... [nrd-525-535]" <
nrd-525-535@yahoogroups.com> wrote:

>
>
> For Sale a like new JRC-NRD-535. email me for pictures. Works perfectly.
>
> Shipped by UPS insured. $600.00 including shipping- CONUS ONLY!
>
> Shipped from near Tampa, FL. Local pick available in Zephyrhills, FL- will
> deduct cost of shipping for local pickup.
>
>
> Get it now before it goes up for auction.
>
>
> KJ4UMN
>
>

3013. Re: [nrd-525-535] JRC-NRD-535 F.S.

Yahoo group: nrd-525-535
Date: 2015-04-11 02:31:41 UTC
From: Shawn McIntosh
Topic: 3011 Message: 3013

I don't have a 535 for sale .....
I think your posting to a wrong ad ......
sorry

On Friday, April 10, 2015 8:10 PM, "Barry Williams hroengineer@... [nrd-525-535]" <nrd-525-535@yahoogroups.com> wrote:

I'm interested in your 535. Can you send pictures, and do you take Paypal?Thanks, Barry
KD5VCOn Apr 10, 2015 4:56 PM, "kj4umn@... [nrd-525-535]" <nrd-525-535@yahoogroups.com> wrote:

For Sale a like new JRC-NRD-535. email me for pictures. Works perfectly. Shipped by UPS insured. $600.00 including shipping- CONUS ONLY!Shipped from near Tampa, FL. Local pick available in Zephyrhills, FL- will deduct cost of shipping for local pickup.
Get it now before it goes up for auction.
KJ4UMN

3014. Re: [nrd-525-535] JRC-NRD-535 F.S.

Yahoo group: nrd-525-535
Date: 2015-04-11 12:23:45 UTC
From: Kj4
Topic: 3011 Message: 3014

Barry,

PayPal account is ghaynes2002@...

KJ4UMN

> On Apr 10, 2015, at 8:04 PM, Barry Williams hroengineer@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:
>
> I'm interested in your 535. Can you send pictures, and do you take Paypal?
>
> Thanks,
> Barry
> KD5VC
>
>> On Apr 10, 2015 4:56 PM, "kj4umn@... [nrd-525-535]" <nrd-525-535@yahoogroups.com> wrote:
>>
>> For Sale a like new JRC-NRD-535. email me for pictures. Works perfectly.
>>
>> Shipped by UPS insured. $600.00 including shipping- CONUS ONLY!
>>
>> Shipped from near Tampa, FL. Local pick available in Zephyrhills, FL- will deduct cost of shipping for local pickup.
>>
>>
>>
>> Get it now before it goes up for auction.
>>
>>
>>
>> KJ4UMN
>>
>
>

3015. Looking for NRD/NSD 515 Station

Yahoo group: nrd-525-535
Date: 2015-04-11 15:58:07 UTC
From: Tom Branton
Topic: 3015 Message: 3015

Good morning everyone,

I’m looking for a nice NRD/NSD 515 station for a college amateur radio club. I realize its a difficult quest but if anyone has one that needs a new home please contact me.

Tom Branton
KF5WBS

Sent from Windows Mail

3016. Re: [nrd-525-535] Looking for NRD/NSD 515 Station

Yahoo group: nrd-525-535
Date: 2015-04-11 16:17:07 UTC
From: ALASTAIR BOLTON
Topic: 3015 Message: 3016

Hi Tom,

I have these, and more. I've e-mailed you off the list.
73
Alastair, G4VSQ

On 11 April 2015 at 16:58, Tom Branton TBranton@...
[nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:

>
>
>
> Good morning everyone,
>
> I’m looking for a nice NRD/NSD 515 station for a college amateur radio
> club. I realize its a difficult quest but if anyone has one that needs a
> new home please contact me.
>
> Tom Branton
> KF5WBS
>
>
> Sent from Windows Mail
>
>
>

3017. Setting up 535 on its side

Yahoo group: nrd-525-535
Date: 2015-04-12 01:04:26 UTC
From: ljpolt@...
Topic: 3017 Message: 3017

Does anyone see a problem (other than craning my neck to read the display!) with placing my NRD535 on its left (as you look at it) side? Due to new equipment configuration, the only space on my desk for the NRD requires that it be set on its side. Thanks.
Les Polt
Baltimore, Md
K3JTP

3018. Re: Setting up 535 on its side

Yahoo group: nrd-525-535
Date: 2015-04-16 05:09:52 UTC
From: reece_k1@...
Topic: 3017 Message: 3018

No!! Go for it!!

3019. New Version of "Rx_Log_And_Tuner.xls" available

Yahoo group: nrd-525-535
Date: 2015-05-09 06:49:59 UTC
From: Joachim Rabe
Topic: 3019 Message: 3019

Hi everyone,

I have just released version 1.0.8 of my MS-Excel-based software
"Rx_Log_And_Tuner.xls".

It is available for download at http://www.k-code.de/rx-tuner/.

Apart from a number of bugs which have been fixed, I have added support for
a number of receivers, a new main menu, backups for frequency lists and
memory channel management for some receivers.

Here's a list of all changes in Ver. 1.0.8:

* added support for AOR AR-3000A
* added support for JRC NRD-345 (unfortunately not yet sufficiently
tested)
* added support for JRC NRD-525 (unfortunately not yet sufficiently
tested)
* added support for Lowe HF-150
* added support for R&S EK-890 (including extended functions)
* added support for TenTec RX-340
* added Support for Yaesu VR-5000
* added slider bar to scanner window for manual frequency selection
while in "paused" mode
* added COM-port parameter configuration window for certain receivers
* added coordinates converter to calculate Maidenhead Locator
* added new main menu to ease operation
* added freq.-list export/import making version changes easier
* added possibility to use "MODE"-data in a separate column on every
frequency list
* added memory management for selected receivers
* fixed bug in scanner module
* fixed bug in frequency selection
* fixed bug in cursor control
* fixed bug in list update
* fixed bug in ELAD FDM-S2 implementation
* disabled "navigate to end of list" at double-click on selected
cell-border

Please have a look at the manual enclosed in the ZIP-file before you use
RXLT.

A big "Thank You" to everyone who helped in testing, findings bugs etc.!

73s

Joachim Rabe
Norderstedt, Germany, JO53aq
Rx: JRC NRD-545, PERSEUS
Ant.: ALA100, HDLA-Loop, pa0rdt-MW, HDWA

3020. Re: New Version of "Rx_Log_And_Tuner.xls" available

Yahoo group: nrd-525-535
Date: 2015-05-27 15:15:07 UTC
From: lexa@...
Topic: 3019 Message: 3020

I am asking this because As soon as I have both cables USB and rs 232 pluged in the program stops or

Excel report "port not availbale"

regards Lexa

3021. Re: New Version of "Rx_Log_And_Tuner.xls" available

Yahoo group: nrd-525-535
Date: 2015-05-27 15:41:00 UTC
From: lexa@...
Topic: 3019 Message: 3021

Hello and thanks for the great job you did with the new version Shud this software also work with the ELAD FDM-S2?
73 Lexa

3022. Re: [nrd-525-535] Re: New Version of "Rx_Log_And_Tuner.xls" available

Yahoo group: nrd-525-535
Date: 2015-05-27 16:38:28 UTC
From: Joachim Rabe
Topic: 3019 Message: 3022

Hi, Lexa,

yes, the software also runs with the FDM-S2.
The necessary setup is mentioned in the manual.

73s

Joachim Rabe

> Am 27.05.2015 um 17:41 schrieb lexa@... [nrd-525-535] <nrd-525-535@yahoogroups.com>:
>
> Hello and thanks for the great job you did with the new version
>
> Shud this software also work with the ELAD FDM-S2?
> 73 Lexa
>
>

3023. Re: [nrd-525-535] Re: New Version of "Rx_Log_And_Tuner.xls" available

Yahoo group: nrd-525-535
Date: 2015-05-27 16:47:15 UTC
From: Joachim Rabe
Topic: 3019 Message: 3023

Hi, Lexa,

I am not sure if I fully understand you.
I assume you have a PC which does not have a physical COM-port - right?
Instead you are using an USB to COM adapter - right?
Which RX are you trying to access?

Which USB2COM adapter are you using (which chipset)?
Is that adapter working with any other remote control software?
Have you installed the necessary driver for the adapter which should emulate one or more COM ports?

Sorry for all these questions but I have never heard anyone else reporting such a problem.

73s

Joachim Rabe

> Am 27.05.2015 um 17:15 schrieb lexa@... [nrd-525-535] <nrd-525-535@yahoogroups.com>:
>
> I am asking this because
>
> As soon as I have both cables USB and rs 232 pluged in the program stops or
> Excel report "port not availbale"
>
> regards Lexa
>
>

3030. about S-meter

Yahoo group: nrd-525-535
Date: 2015-08-10 11:27:06 UTC
From: grandbill@...
Topic: 3030 Message: 3030

Hi,

I think I have a sensitivity problem with my 525 :
As I listen to a medium level QSO , which leaves the Smeter of my TS570 at S5-8, the Smeter of the 525 remains sticked on 0.
however, if there is a loud QSO, S9 or more on the TS570, the 525 Smeter indicates about S7.
It seems there is a thresold effect on Smeter.

Does anyone have got the same problem ? Any idea to correct it ?
Or is it a "ususal" situation ?

Thank you
Patrick
F61112

3031. Re: about S-meter

Yahoo group: nrd-525-535
Date: 2015-08-11 14:00:39 UTC
From: g3vvt@...
Topic: 3030 Message: 3031

Hi Patrick,

To test the radio sensitivity and S meter calibration you need access to a suitable RF signal generator. I use a Dymar 1525 VHF signal generator for general testing with the test signal set at 50uV PD for S9 on usually 7.1MHz or thereabouts. Can also call on a Marconi 2955 Communications test set if needed as mine gives a stable test signal on HF. Use a test signal either CW or AM as needed of -73dBm which is a comparable level. Ideally you may need to check on all bands used as a comparison.

The problem is that the average amateur does not have access to accurate test equipment. A possible way round this would be to obtain such as an Elecraft test signal generator. There are several on the market as kits or factory built such as the XG2 or XG3. The XG2 or even an older XG1 from the second hand market might be a option with a limited budget. See _www.elecraft.com_ (http://www.elecraft.com) and check on their products page

One way or another this is going to be the only way of resolving your dilemma with your JRC NRD-525. Also ensure that you have the AGC switched on, RF gain at full and all attenuation in the receiver antenna path switched off?

Regards,
Bob, G3VVT

3032. Fw: try it out

Yahoo group: nrd-525-535
Date: 2015-08-17 09:18:26 UTC
From: <pcuser@...>
Topic: 3032 Message: 3032

Hey!

Have you already seen it? http://mik-ponkratov.ru/round.php?4c0pg

pcuser@...

3033. Re: about S-meter

Yahoo group: nrd-525-535
Date: 2015-08-18 10:57:06 UTC
From: grandbill@...
Topic: 3030 Message: 3033

Hi Bob,
Thank you for the information, I will buy a XG2.

the phenomena is however strange : the Smeter sticked to 0 on weak signal, then suddenly goes (and varies) to S7-9 on higher signal., It is like the 2-6 grades did not exist...

I will write when I will have more to say about it.

73
Patrick

3034. Re: [nrd-525-535] Re: about S-meter

Yahoo group: nrd-525-535
Date: 2015-08-18 12:04:07 UTC
From: Charles
Topic: 3030 Message: 3034

t here’s an adjustment for the s meter on one of the circuit boards. Unfortunately, I can’t remember where it
is located.
Chuck

From: mailto:nrd-525-535@yahoogroups.com
Sent: Tuesday, August 18, 2015 3:57
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Re: about S-meter

Hi Bob,
Thank you for the information, I will buy a XG2.

the phenomena is however strange : the Smeter sticked to 0 on weak signal, then suddenly goes (and varies) to S7-9 on higher signal., It is like the 2-6 grades did not exist...

I will write when I will have more to say about it.

73
Patrick

3035. Re: about S-meter

Yahoo group: nrd-525-535
Date: 2015-08-19 11:57:54 UTC
From: g3vvt@...
Topic: 3030 Message: 3035

Hi Patrick,

The S meter adjustment is RV6 on CAE-182 the IF/AF AMP board, but on no account adjust this without reference to a known standard signal.

The detail about this is in the JRC NRD-525 Service Manual on page 2-20:

h. Adjustment of S Meter

1. Set the receiving frequency at 7.104MHz. Turn the RF GAIN control fully clockwise. Put the AGC control
to the FAST position. Put the NOTCH control to the OFF position. Put the PBS control to the center
position. Select the DSB mode.

2. Connect the signal generator (50 ohm) to MF/HF ANT on the rear of the NRD-525.

3. Set the signal generator as follows:
Frequency: 7.104MHz, Output level: 40dBuV, CW.

4. Adjust [S] RV6 on CAE-182 so the S-meter indicates S9 +/- 1 divisions.

My notes on this procedure:

40dBuV is the Japanese reference to I believe 40dB above 1uV as the zero reference and is expressed in voltage terms. Personally I use 50uV PD or -73dBm from the signal generator for the same level as my S9 standard.

RV6 on the CAE-182 board is fortunately on the top edge of the board next to J1 the speaker connector so an extender card will not be need to access this and should be marked with the [S] symbol adjacent.

To answer your question about S meter tracking, it can depend what is used for the calibration of this by the manufacturer, but is usually somewhere in the region of 3 to 6dB per S point in voltage terms if my ageing memory serves me correct. To check this you can use a switched attenuator in conjunction with a standard S9 signal source to check the tracking. This switched attenuator could be relatively easily constructed from schematics, etc, in the ARRL Handbook and similar publications as commercial versions are not always easy to come by on the surplus market and can be relatively expensive particularly when new.

Unless you are really sure what you are doing I would leave RV6 adjustment well alone, unless it turns out to be in error from tests with an S9 standard. Even then mark the control present position so it can be returned to if things do not work out.

Regards,
Bob, G3VVT

3036. Re: [nrd-525-535] Re: about S-meter

Yahoo group: nrd-525-535
Date: 2015-08-19 12:30:20 UTC
From: Paul Dobosz
Topic: 3030 Message: 3036

Easy conversion to microvolts for this value 40dBuV = 100uV. Typically S9 is set to 50uV (34dBuV) in many calibrated receivers.
Paul - K8PD
From: "g3vvt@... [nrd-525-535]" <nrd-525-535@yahoogroups.com>
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, August 19, 2015 7:57 AM
Subject: [nrd-525-535] Re: about S-meter

Hi Patrick, The S meter adjustment is RV6 on CAE-182 the IF/AF AMP board, but on no account adjust this without reference to a known standard signal. The detail about this is in the JRC NRD-525 Service Manual on page 2-20: h. Adjustment of S Meter 1. Set the receiving frequency at 7.104MHz. Turn the RF GAIN control fully clockwise. Put the AGC control to the FAST position. Put the NOTCH control to the OFF position. Put the PBS control to the center position. Select the DSB mode. 2. Connect the signal generator (50 ohm) to MF/HF ANT on the rear of the NRD-525. 3. Set the signal generator as follows: Frequency: 7.104MHz, Output level: 40dBuV, CW. 4. Adjust [S] RV6 on CAE-182 so the S-meter indicates S9 +/- 1 divisions. My notes on this procedure: 40dBuV is the Japanese reference to I believe 40dB above 1uV as the zero reference and is expressed in voltage terms. Personally I use 50uV PD or -73dBm from the signal generator for the same level as my S9 standard. RV6 on the CAE-182 board is fortunately on the top edge of the board next to J1 the speaker connector so an extender card will not be need to access this and should be marked with the [S] symbol adjacent. To answer your question about S meter tracking, it can depend what is used for the calibration of this by the manufacturer, but is usually somewhere in the region of 3 to 6dB per S point in voltage terms if my ageing memory serves me correct. To check this you can use a switched attenuator in conjunction with a standard S9 signal source to check the tracking. This switched attenuator could be relatively easily constructed from schematics, etc, in the ARRL Handbook and similar publications as commercial versions are not always easy to come by on the surplus market and can be relatively expensive particularly when new. Unless you are really sure what you are doing I would leave RV6 adjustment well alone, unless it turns out to be in error from tests with an S9 standard. Even then mark the control present position so it can be returned to if things do not work out. Regards,Bob, G3VVT

3037. Re: [nrd-525-535] Re: about S-meter

Yahoo group: nrd-525-535
Date: 2015-08-19 12:47:59 UTC
From: kkyahoo
Topic: 3030 Message: 3037

I think that the 40dBuV is emf so you are really setting to 50uv pd as per the standard.

Kevin
----- Original Message -----
From: Paul Dobosz n3809u@... [nrd-525-535]
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, August 19, 2015 1:30 PM
Subject: Re: [nrd-525-535] Re: about S-meter

Easy conversion to microvolts for this value 40dBuV = 100uV. Typically S9 is set to 50uV (34dBuV) in many calibrated receivers.

Paul - K8PD

From: "g3vvt@... [nrd-525-535]" <nrd-525-535@yahoogroups.com>
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, August 19, 2015 7:57 AM
Subject: [nrd-525-535] Re: about S-meter

Hi Patrick,

The S meter adjustment is RV6 on CAE-182 the IF/AF AMP board, but on no account adjust this without reference to a known standard signal.

The detail about this is in the JRC NRD-525 Service Manual on page 2-20:

h. Adjustment of S Meter

1. Set the receiving frequency at 7.104MHz. Turn the RF GAIN control fully clockwise. Put the AGC control
to the FAST position. Put the NOTCH control to the OFF position. Put the PBS control to the center
position. Select the DSB mode.

2. Connect the signal generator (50 ohm) to MF/HF ANT on the rear of the NRD-525.

3. Set the signal generator as follows:
Frequency: 7.104MHz, Output level: 40dBuV, CW.

4. Adjust [S] RV6 on CAE-182 so the S-meter indicates S9 +/- 1 divisions.

My notes on this procedure:

40dBuV is the Japanese reference to I believe 40dB above 1uV as the zero reference and is expressed in voltage terms. Personally I use 50uV PD or -73dBm from the signal generator for the same level as my S9 standard.

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Unless you are really sure what you are doing I would leave RV6 adjustment well alone, unless it turns out to be in error from tests with an S9 standard. Even then mark the control present position so it can be returned to if things do not work out.

Regards,
Bob, G3VVT

3038. Re: [nrd-525-535] Re: about S-meter

Yahoo group: nrd-525-535
Date: 2015-08-19 14:42:26 UTC
From: Paul Dobosz
Topic: 3030 Message: 3038

EMF voltages denote an un-terminated rf source connected into a high (theoretically infinite) impedance load. That situation does not apply here since the input impedance of the NRD-525 is 50 Ohms as is that of most calibrated RF generators.
If the calibration level was intended to be an EMF value the proper notation would be uV EMF or dBuV EMF. Any other notation assumes a loaded generator (typically 50 Ohms). You are correct that the conversion factor between the open circuit EMF voltage and a 50 Ohm loaded measurement is -6dB
Paul - K8PD
From: "'kkyahoo' kkyahoo@... [nrd-525-535]" <nrd-525-535@yahoogroups.com>
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, August 19, 2015 8:47 AM
Subject: Re: [nrd-525-535] Re: about S-meter

☐I think that the 40dBuV is emf so you are really setting to 50uv pd as per the standard. Kevin

----- Original Message ----- From: Paul Dobosz n3809u@... [nrd-525-535] To: nrd-525-535@yahoogroups.com Sent: Wednesday, August 19, 2015 1:30 PM Subject: Re: [nrd-525-535] Re: about S-meter
Easy conversion to microvolts for this value 40dBuV = 100uV. Typically S9 is set to 50uV (34dBuV) in many calibrated receivers.
Paul - K8PD
From: "g3vvt@... [nrd-525-535]" <nrd-525-535@yahoogroups.com>
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, August 19, 2015 7:57 AM
Subject: [nrd-525-535] Re: about S-meter

Hi Patrick, The S meter adjustment is RV6 on CAE-182 the IF/AF AMP board, but on no account adjust this without reference to a known standard signal. The detail about this is in the JRC NRD-525 Service Manual on page 2-20: h. Adjustment of S Meter 1. Set the receiving frequency at 7.104MHz. Turn the RF GAIN control fully clockwise. Put the AGC control to the FAST position. Put the NOTCH control to the OFF position. Put the PBS control to the center position. Select the DSB mode. 2. Connect the signal generator (50 ohm) to MF/HF ANT on the rear of the NRD-525. 3. Set the signal generator as follows: Frequency: 7.104MHz, Output level: 40dBuV, CW. 4. Adjust [S] RV6 on CAE-182 so the S-meter indicates S9 +/- 1 divisions. My notes on this procedure: 40dBuV is the Japanese reference to I believe 40dB above 1uV as the zero reference and is expressed in voltage terms. Personally I use 50uV PD or -73dBm from the signal generator for the same level as my S9 standard. RV6 on the CAE-182 board is fortunately on the top edge of the board next to J1 the speaker connector so an extender card will not be need to access this and should be marked with the [S] symbol adjacent. To answer your question about S meter tracking, it can depend what is used for the calibration of this by the manufacturer, but is usually somewhere in the region of 3 to 6dB per S point in voltage terms if my ageing memory serves me correct. To check this you can use a switched attenuator in conjunction with a standard S9 signal source to check the tracking. This switched attenuator could be relatively easily constructed from schematics, etc, in the ARRL Handbook and similar publications as commercial versions are not always easy to come by on the surplus

market and can be relatively expensive particularly when new. Unless you are really sure what you are doing I would leave RV6 adjustment well alone, unless it turns out to be in error from tests with an S9 standard. Even then mark the control present position so it can be returned to if things do not work out. Regards, Bob, G3VVT

3039. RE: [nrd-525-535] Re: about S-meter

Yahoo group: nrd-525-535
Date: 2015-08-19 16:17:15 UTC
From: QRV
Topic: 3030 Message: 3039
Attachments: 2 described; binary payloads are missing from this source WARC

The S-meter => <http://radio.pagesperso-orange.fr/Math.htm#SM>
http://radio.pagesperso-orange.fr/Math.htm#SM

-73,0 dBm (~50 µV) below 30 MHz (HF),
-93,0 dBm (~5 µV) above 30 MHz (VHF/UHF).

Best Regards,

Christophe

QRV@...

http://geip.pagesperso-orange.fr/NRD525En.htm

De : nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com]
Envoyé : mercredi 19 août 2015 16:42
À : nrd-525-535@yahoogroups.com
Objet : Re: [nrd-525-535] Re: about S-meter

EMF voltages denote an un-terminated rf source connected into a high (theoretically infinite) impedance load. That situation does not apply here since the input impedance of the NRD-525 is 50 Ohms as is that of most calibrated RF generators.

If the calibration level was intended to be an EMF value the proper notation would be uV EMF or dBuV EMF. Any other notation assumes a loaded generator (typically 50 Ohms). You are correct that the conversion factor between the open circuit EMF voltage and a 50 Ohm loaded measurement is -6dB

Paul - K8PD

From: "'kkyahoo' kkyahoo@... [nrd-525-535]" <nrd-525-535@yahoogroups.com>
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, August 19, 2015 8:47 AM
Subject: Re: [nrd-525-535] Re: about S-meter

☐

I think that the 40dBuV is emf so you are really setting to 50uv pd as per the standard.

Kevin

----- Original Message -----

From: Paul Dobosz n3809u@... [nrd-525-535] <mailto:n3809u@...%20[nrd-525-535]>

To: nrd-525-535@yahoogroups.com

Sent: Wednesday, August 19, 2015 1:30 PM

Subject: Re: [nrd-525-535] Re: about S-meter

Easy conversion to microvolts for this value 40dBuV = 100uV. Typically S9 is set to 50uV (34dBuV) in many calibrated receivers.

Paul - K8PD

From: "g3vvt@... [nrd-525-535]" <nrd-525-535@yahoogroups.com>
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, August 19, 2015 7:57 AM
Subject: [nrd-525-535] Re: about S-meter

Hi Patrick,

The S meter adjustment is RV6 on CAE-182 the IF/AF AMP board, but on no account adjust this without reference to a known standard signal.

The detail about this is in the JRC NRD-525 Service Manual on page 2-20:

h. Adjustment of S Meter

1. Set the receiving frequency at 7.104MHz. Turn the RF GAIN control fully clockwise. Put the AGC control

to the FAST position. Put the NOTCH control to the OFF position. Put the PBS control to the center

position. Select the DSB mode.

2. Connect the signal generator (50 ohm) to MF/HF ANT on the rear of the NRD-525.

3. Set the signal generator as follows:

Frequency: 7.104MHz, Output level: 40dBuV, CW.

4. Adjust [S] RV6 on CAE-182 so the S-meter indicates S9 +/- 1 divisions.

My notes on this procedure:

40dBuV is the Japanese reference to I believe 40dB above 1uV as the zero reference and is expressed in voltage terms. Personally I use 50uV PD or -73dBm from the signal generator for the same level as my S9 standard.

RV6 on the CAE-182 board is fortunately on the top edge of the board next to J1 the speaker connector so an extender card will not be need to access this and should be marked with the [S] symbol adjacent.

To answer your question about S meter tracking, it can depend what is used for the calibration of this by the manufacturer, but is usually somewhere in the region of 3 to 6dB per S point in voltage terms if my ageing memory serves me correct. To check this you can use a switched attenuator in conjunction with a standard S9 signal source to check the tracking. This switched attenuator could be relatively easily constructed from schematics,

etc, in the ARRL Handbook and similar publications as commercial versions are not always easy to come by on the surplus market and can be relatively expensive particularly when new.

Unless you are really sure what you are doing I would leave RV6 adjustment well alone, unless it turns out to be in error from tests with an S9 standard. Even then mark the control present position so it can be returned to if things do not work out.

Regards,

Bob, G3VVT

3040. Re: [nrd-525-535] Re: about S-meter

Yahoo group: nrd-525-535
Date: 2015-08-19 16:26:49 UTC
From: kkyahoo
Topic: 3030 Message: 3040

Paul,

Japanese alignments often, and inconsistently, use Sig Gen voltages as emf. They don't always tell you but it becomes obvious after a while. The little table in the TS850 service manual, for example, is one of the better ones as it quotes Japanese SG voltages and American SG voltages, the former are 6db higher than the latter. 40dBuV emf is what you would set the so called Japanese Sig Gen to to get 50uV into the rx, assuming it is somehere near 50 ohms.

In other JRC service manuals, e.g the 545, the dBuV voltages are pd, and S9 is to be set at 34dBuV or 50uv. The level diagram in the 535 manual is annotated as dBuV emf the one in the 525 is not specified but is emf.

Kevin

----- Original Message -----
From: Paul Dobosz n3809u@... [nrd-525-535]
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, August 19, 2015 3:42 PM
Subject: Re: [nrd-525-535] Re: about S-meter

EMF voltages denote an un-terminated rf source connected into a high (theoretically infinite) impedance load. That situation does not apply here since the input impedance of the NRD-525 is 50 Ohms as is that of most calibrated RF generators.

If the calibration level was intended to be an EMF value the proper notation would be uV EMF or dBuV EMF. Any other notation assumes a loaded generator (typically 50 Ohms). You are correct that the conversion factor between the open circuit EMF voltage and a 50 Ohm loaded measurement is -6dB

Paul - K8PD

From: "'kkyahoo' kkyahoo@... [nrd-525-535]" <nrd-525-535@yahoogroups.com>
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, August 19, 2015 8:47 AM
Subject: Re: [nrd-525-535] Re: about S-meter

☐
I think that the 40dBuV is emf so you are really setting to 50uv pd as per the standard.

Kevin

----- Original Message -----
From: Paul Dobosz n3809u@... [nrd-525-535]
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, August 19, 2015 1:30 PM
Subject: Re: [nrd-525-535] Re: about S-meter

Easy conversion to microvolts for this value 40dBuV = 100uV. Typically S9 is set to 50uV (34dBuV) in many calibrated receivers.

Paul - K8PD

From: "g3vvt@... [nrd-525-535]" <nrd-525-535@yahoogroups.com>
To: nrd-525-535@yahoogroups.com
Sent: Wednesday, August 19, 2015 7:57 AM
Subject: [nrd-525-535] Re: about S-meter

Hi Patrick,

The S meter adjustment is RV6 on CAE-182 the IF/AF AMP board, but on no account adjust this without reference to a known standard signal.

The detail about this is in the JRC NRD-525 Service Manual on page 2-20:

h. Adjustment of S Meter

1. Set the receiving frequency at 7.104MHz. Turn the RF GAIN control fully clockwise. Put the AGC control
to the FAST position. Put the NOTCH control to the OFF position. Put the PBS control to the center
position. Select the DSB mode.

2. Connect the signal generator (50 ohm) to MF/HF ANT on the rear of the NRD-525.

3. Set the signal generator as follows:
Frequency: 7.104MHz, Output level: 40dBuV, CW.

4. Adjust [S] RV6 on CAE-182 so the S-meter indicates S9 +/- 1 divisions.

My notes on this procedure:

40dBuV is the Japanese reference to I believe 40dB above 1uV as the zero reference and is expressed in voltage terms. Personally I use 50uV PD or -73dBm from the signal generator for the same level as my S9 standard.

RV6 on the CAE-182 board is fortunately on the top edge of the board next to J1 the speaker connector so an extender card will not be need to access this and should be marked with the [S] symbol adjacent.

To answer your question about S meter tracking, it can depend what is used for the calibration of this by the manufacturer, but is usually somewhere in the region of 3 to 6dB per S point in voltage terms if my ageing memory serves me correct. To check this you can use a switched attenuator in conjunction with a standard S9 signal source to check the tracking. This switched attenuator could be relatively easily constructed from schematics, etc, in the ARRL Handbook and similar publications as commercial versions are not always easy to come by on the surplus market and can be relatively expensive particularly when new.

Unless you are really sure what you are doing I would leave RV6 adjustment well alone, unless it turns out to be in error from tests with an S9 standard. Even then mark the control present position so it can be returned to if things do not work out.

Regards,
Bob, G3VVT

3041. Fw: important

Yahoo group: nrd-525-535
Date: 2015-08-20 08:38:52 UTC
From: <pcuser@...>
Topic: 3041 Message: 3041

Hello!

Important message, visit http://jwbms.org/may.php?1afu

pcuser@...

3042. Re: about S-meter

Yahoo group: nrd-525-535
Date: 2015-08-22 09:51:46 UTC
From: Grand BILL
Topic: 3030 Message: 3042

Thank everybody for these tips.
I will buy a XG2, and write the result.

72
Patrick

--
Regards

GBill

3043. Fw: important

Yahoo group: nrd-525-535
Date: 2015-08-24 12:54:41 UTC
From: <pcuser@...>
Topic: 3041 Message: 3043

Hello!

Check it out http://near4project.it/greatest.php?x

pcuser@...

3044. NRD 525 "auto" shut off after 30-60 minutes

Yahoo group: nrd-525-535
Date: 2015-08-25 11:31:34 UTC
From: grandbill@...
Topic: 3044 Message: 3044

Hi,

after the strange pb on the Smeter, now my NRD525 shutdowns itself after a time between 30 -60 minutes.
The first time it happens, I thought it was due to a pb when commuting the antenna.But no !

Now for a few days it is usual it shutdowns suddenly after a time : the display and sound disapear as when I depress the switch ON/OFF.
It is not possible to switch it on before about a quarter.

the box is not hot,

any idea about it ? Or the way to diagnose it?

Thank you
Patrick

3045. Re: [nrd-525-535] NRD 525 "auto" shut off after 30-60 minutes

Yahoo group: nrd-525-535
Date: 2015-08-25 12:18:41 UTC
From: Charles
Topic: 3044 Message: 3045

PaTRICK,

Isn’t there a function for scheduling a shut down and on that the NRD525 allows you to schedule periods for listening and turning off the receiver? Check the manual. Also for the situation the way it stands now, have you checked to see if the shutdown happens at the same time each day or is it random?

Chuck
From: mailto:nrd-525-535@yahoogroups.com
Sent: Tuesday, August 25, 2015 4:31
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] NRD 525 "auto" shut off after 30-60 minutes

Hi,

after the strange pb on the Smeter, now my NRD525 shutdowns itself after a time between 30 -60 minutes.

The first time it happens, I thought it was due to a pb when commuting the antenna.But no !

Now for a few days it is usual it shutdowns suddenly after a time : the display and sound disapear as when I depress the switch ON/OFF.

It is not possible to switch it on before about a quarter.

the box is not hot,

any idea about it ? Or the way to diagnose it?

Thank you

Patrick

3046. Re: NRD 525 "auto" shut off after 30-60 minutes

Yahoo group: nrd-525-535
Date: 2015-08-26 01:28:26 UTC
From: larfla2@...
Topic: 3044 Message: 3046

Unplug the power cord at the back of the radio, take a coin or such and unscrew the fuse holder on the back. Pull it out. wipe the assembly off with a clean rag or cloth and reinstall it. Tighten the fuse holder really tight and plug the cord into the back making sure that it's seated firmly. It's done that shut off thing to me a few times and this worked. I think time and heat, or whatever, tend to loosen it up and cause the erratic shutdowns and behavior. Regards, Larry

3047. Re: NRD 525 "auto" shut off after 30-60 minutes

Yahoo group: nrd-525-535
Date: 2015-09-07 10:41:15 UTC
From: Grand BILL
Topic: 3044 Message: 3047

Hi !

the problem is solved.
Chuck was right : the timer key was active, by mistake because I don't use the function.

All is right and the NRD worked for a 5 hours yesterday.

thank you !
73 Patrick

--
Regards

GBill

3048. JRC NRD-515, T8 transformer (synthesizer card on the board) for 70 MHz, 2nd local output

Yahoo group: nrd-525-535
Date: 2015-10-29 22:39:31 UTC
From: malet-bernard@...
Topic: 3048 Message: 3048

Good evening to all members of the group JRC

Asking for support JRC NRD-515, T8 transformer (synthesizer card on the board) for 70 MHz, 2nd local output

NO = T8
Parts Name = RF XFMR
Type = H_6LHJD00172
Code = 6LHJD00172

I look, all the original features of this transformer, the manufacturer and its complete datasheet.
Cause ferrite core is broken in these conditions found or an original or an equivalent of this transformer

Thank you in advance for your assistance

Best regards

Bernard MALET

3050. I good place for repair

Yahoo group: nrd-525-535
Date: 2016-01-28 22:52:14 UTC
From: targetteye@...
Topic: 3050 Message: 3050

Hello All,
I recently squired both an NRD-525 and an NRD-535. The were both pretty cheap but also neither work. Both exhibit the same problem. All functions seem to enable/engage but with a 6 foot whip antenna hanging off the input neither will pickup stations. They will only faintly play very strong signals with a lot of background static.

I haven't re-seated the boards yet but beyond that I have little desire to learn how to repair these things and would like to find someone willing to repair one or both of them.

Any suggestions?

Thanks
Steve

3051. Re: [nrd-525-535] I good place for repair

Yahoo group: nrd-525-535
Date: 2016-01-29 02:00:59 UTC
From: SpareRoom
Topic: 3050 Message: 3051

Steve

Sounds like you need a better antenna. An indoor wipe which isn’t amplied doesn’t do the trick.
Try running a wire antenna outside.

Chuck

From: mailto:nrd-525-535@yahoogroups.com
Sent: Thursday, January 28, 2016 17:52
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] I good place for repair

Hello All,
I recently squired both an NRD-525 and an NRD-535. The were both pretty cheap but also neither work. Both exhibit the same problem. All functions seem to enable/engage but with a 6 foot whip antenna hanging off the input neither will pickup stations. They will only faintly play very strong signals with a lot of background static.

I haven't re-seated the boards yet but beyond that I have little desire to learn how to repair these things and would like to find someone willing to repair one or both of them.

Any suggestions?

Thanks
Steve

3052. Re: [nrd-525-535] Digest Number 1286

Yahoo group: nrd-525-535
Date: 2016-01-29 10:59:27 UTC
From: <mike.maguire@...>
Topic: 3052 Message: 3052

Have you checked that the "Attenuator" (Att) is "Off"

(Function -> FAX)

Mike

-----Original Message-----
From: nrd-525-535@yahoogroups.com
Sent: Friday, January 29, 2016 10:48 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] Digest Number 1286

There are 2 messages in this issue.

Topics in this digest:

1a. I good place for repair
From: targetteye
1b. Re: I good place for repair
From: SpareRoom

Messages

1a. I good place for repair
Posted by: targetteye@... targetteye
Date: Thu Jan 28, 2016 2:52 pm ((PST))

Hello All,
I recently squired both an NRD-525 and an NRD-535. The were both pretty cheap but also neither work. Both exhibit the same problem. All functions seem to enable/engage but with a 6 foot whip antenna hanging off the input neither will pickup stations. They will only faintly play very strong signals with a lot of background static.

I haven't re-seated the boards yet but beyond that I have little desire to learn how to repair these things and would like to find someone willing to repair one or both of them.

Any suggestions?

Thanks
Steve

3053. Re: [nrd-525-535] I good place for repair

Yahoo group: nrd-525-535
Date: 2016-01-29 13:45:27 UTC
From: John Reed
Topic: 3050 Message: 3053

From the description of the problem, it sounds to me like these receivers may have been shocked by a nearby lightning strike. This will deafen the front end. I always disconnect the antenna when a thunderstorm is near. I would try plugging in a new or used HF TUNE card, CFL-205 for the NRD-525 or CFL-287 for the NRD-535. Sometimes these can be found on eBay for around $100.

John, KA5QEP

From: mailto:nrd-525-535@yahoogroups.com
Sent: Thursday, January 28, 2016 4:52 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] I good place for repair

Hello All,
I recently squired both an NRD-525 and an NRD-535. The were both pretty cheap but also neither work. Both exhibit the same problem. All functions seem to enable/engage but with a 6 foot whip antenna hanging off the input neither will pickup stations. They will only faintly play very strong signals with a lot of background static.

I haven't re-seated the boards yet but beyond that I have little desire to learn how to repair these things and would like to find someone willing to repair one or both of them.

Any suggestions?

Thanks
Steve

3054. Re: [nrd-525-535] I good place for repair

Yahoo group: nrd-525-535
Date: 2016-01-29 15:26:17 UTC
From: Ed
Topic: 3050 Message: 3054

Check to see if an internal fuse is blown. I recently experienced that with a Kenwood R2000. Powered up with no signal. Changed the internal fuse and it came to life. Not sure if the JRC has an internal fuse, though.

> On Jan 29, 2016, at 16:45, 'John Reed' ka5qep@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:
>
>
>
> From the description of the problem, it sounds to me like these receivers may have been shocked by a nearby lightning strike. This will deafen the front end. I always disconnect the antenna when a thunderstorm is near. I would try plugging in a new or used HF TUNE card, CFL-205 for the NRD-525 or CFL-287 for the NRD-535. Sometimes these can be found on eBay for around $100.
>
> John, KA5QEP
>
> From: mailto:nrd-525-535@yahoogroups.com
> Sent: Thursday, January 28, 2016 4:52 PM
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] I good place for repair
>
> Hello All,
> I recently squired both an NRD-525 and an NRD-535. The were both pretty cheap but also neither work. Both exhibit the same problem. All functions seem to enable/engage but with a 6 foot whip antenna hanging off the input neither will pickup stations. They will only faintly play very strong signals with a lot of background static.
>
> I haven't re-seated the boards yet but beyond that I have little desire to learn how to repair these things and would like to find someone willing to repair one or both of them.
>
> Any suggestions?
>
> Thanks
> Steve
>
>
>
>
>

3055. Re: [nrd-525-535] Digest Number 1286

Yahoo group: nrd-525-535
Date: 2016-01-29 21:16:56 UTC
From: targetteye@...
Topic: 3052 Message: 3055

yes I have .. thanks

3056. Re: [nrd-525-535] I good place for repair

Yahoo group: nrd-525-535
Date: 2016-01-29 21:17:36 UTC
From: targetteye@...
Topic: 3050 Message: 3056

I suppose the parts in question for the board would be proprietary?

3057. For Sale

Yahoo group: nrd-525-535
Date: 2016-02-10 15:31:02 UTC
From: galelgg@...
Topic: 1647 Message: 3057

Have NRD 535D and matching speaker NVA-319. Considering sale. Have not established price. Will negotiate. Both in excellent condition. Serious inquiries invited. Located in Western VA (24343)

Gale

3058. Wanted

Yahoo group: nrd-525-535
Date: 2016-03-06 04:57:37 UTC
From: n52w113@...
Topic: 3058 Message: 3058

A original owners manual for JRC NRD 535(D). Joe n52w113@hotmail.com

3059. Wanted

Yahoo group: nrd-525-535
Date: 2016-03-06 04:59:38 UTC
From: n52w113@...
Topic: 3058 Message: 3059

JRC ST-3 Headphones. Joe n52w113@hotmail.com

3060. Re: [nrd-525-535] Wanted

Yahoo group: nrd-525-535
Date: 2016-03-06 20:23:56 UTC
From: kj4umn@...
Topic: 3058 Message: 3060

I have one listed on eBay.

George

Sent from my iPad

> On Mar 5, 2016, at 11:57 PM, n52w113@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:
>
> A original owners manual for JRC NRD 535(D). Joe n52w113@hotmail.com
>
>

3061. Re: [nrd-525-535] Wanted

Yahoo group: nrd-525-535
Date: 2016-03-06 20:49:38 UTC
From: Joe Talbot
Topic: 3058 Message: 3061

Hi George: Is this yours? Joehttp://www.ebay.ca/itm/Instruction-Manual-JRC-NRD-535-/281955384855?hash=item41a5d9be17:g:sPQAAOSwyjBW2xdB

From: nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com> on behalf of kj4umn@... [nrd-525-535] <nrd-525-535@yahoogroups.com>
Sent: March 6, 2016 8:23 PM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Wanted

I have one listed on eBay.

George

Sent from my iPad

On Mar 5, 2016, at 11:57 PM, n52w113@...<mailto:n52w113@...> [nrd-525-535] <nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>> wrote:

A original owners manual for JRC NRD 535(D). Joe n52w113@...<mailto:n52w113@...>

3062. 535 Manual

Yahoo group: nrd-525-535
Date: 2016-03-06 20:54:54 UTC
From: Joe Talbot
Topic: 3058 Message: 3062

Hi George: Is this yours? Joe VA6YC, VA6JWT, 6O0JT, AP2/VA6JWT

http://www.ebay.ca/itm/Instruction-Manual-JRC-NRD-535-/281955384855?hash=item41a5d9be17:g:sPQAAOSwyjBW2xdB

_____
From: nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com> on behalf of kj4umn@gmail.com [nrd-525-535] <nrd-525-535@yahoogroups.com>
Sent: March 6, 2016 8:23 PM
To: nrd-525-535@yahoogroups.com
Subject: Re: [nrd-525-535] Wanted

I have one listed on eBay.

George

Sent from my iPad

On Mar 5, 2016, at 11:57 PM, n52w113@...<mailto:n52w113@...> [nrd-525-535] <nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>> wrote:

A original owners manual for JRC NRD 535(D). Joe n52w113@...<mailto:n52w113@...>

3063. Re: [nrd-525-535] 535 Manual

Yahoo group: nrd-525-535
Date: 2016-03-07 17:26:15 UTC
From: kj4umn@...
Topic: 3058 Message: 3063

That's mine.

George

KJ4UMN

Sent from my iPad

> On Mar 6, 2016, at 3:54 PM, Joe Talbot n52w113@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:
>
> Hi George: Is this yours? Joe VA6YC, VA6JWT, 6O0JT, AP2/VA6JWT
>
>
> http://www.ebay.ca/itm/Instruction-Manual-JRC-NRD-535-/281955384855?hash=item41a5d9be17:g:sPQAAOSwyjBW2xdB
>
>
> From: nrd-525-535@yahoogroups.com <nrd-525-535@yahoogroups.com> on behalf of kj4umn@... [nrd-525-535] <nrd-525-535@yahoogroups.com>
> Sent: March 6, 2016 8:23 PM
> To: nrd-525-535@yahoogroups.com
> Subject: Re: [nrd-525-535] Wanted
>
>
> I have one listed on eBay.
>
> George
>
> Sent from my iPad
>
> On Mar 5, 2016, at 11:57 PM, n52w113@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:
>
>>
>> A original owners manual for JRC NRD 535(D). Joe n52w113@...
>>
>
>

3064. Re: [nrd-525-535] 535 Manual

Yahoo group: nrd-525-535
Date: 2016-03-07 18:22:43 UTC
From: Joe Talbot
Topic: 3058 Message: 3064

George would you consider selling it now for $15 US. Joe

Sent from my iPhone

On Mar 7, 2016, at 10:27 AM, kj4umn@...<mailto:kj4umn@...> [nrd-525-535] <nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>> wrote:

That's mine.

George

KJ4UMN

Sent from my iPad

On Mar 6, 2016, at 3:54 PM, Joe Talbot n52w113@...<mailto:n52w113@...> [nrd-525-535] <nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>> wrote:

Hi George: Is this yours? Joe VA6YC, VA6JWT, 6O0JT, AP2/VA6JWT

http://www.ebay.ca/itm/Instruction-Manual-JRC-NRD-535-/281955384855?hash=item41a5d9be17:g:sPQAAOSwyjBW2xdB

From: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com> <nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>> on behalf of kj4umn@...<mailto:kj4umn@...> [nrd-525-535] <nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>>
Sent: March 6, 2016 8:23 PM
To: nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>
Subject: Re: [nrd-525-535] Wanted

I have one listed on eBay.

George

Sent from my iPad

On Mar 5, 2016, at 11:57 PM, n52w113@...<mailto:n52w113@hotmail.com> [nrd-525-535] <nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>> wrote:

A original owners manual for JRC NRD 535(D). Joe n52w113@...<mailto:n52w113@...>

3065. JRC-NRD-535D For Sale

Yahoo group: nrd-525-535
Date: 2016-03-19 18:52:05 UTC
From: galelgg@...
Topic: 3065 Message: 3065

For Sale:

JRC-NRD-535D HF Receiver and matching speaker NVA-319, near perfect condition. Reproduced Instruction Manual and other related printed materials. $1,000 (Neg.) Location: 24343 (Hillsville, VA) Buyer pays actual shipping charges. If buyer within mileage range (200-250) perhaps we can meet halfway. Pictures on request.

Gale

3066. NRD-535D

Yahoo group: nrd-525-535
Date: 2016-03-20 22:25:26 UTC
From: galelgg@...
Topic: 1360 Message: 3066

The NRD-535D with Speaker has been sold. Thanks for your interest.
Transaction was smooth and professional. This is a "Class" Group.

Gale Legg

3067. Re: I good place for repair

Yahoo group: nrd-525-535
Date: 2016-03-22 03:16:11 UTC
From: targetteye@...
Topic: 3050 Message: 3067

Update. So sure enough i just didn't know what I was doing. It had been quite some time since I had used a decent shortwave radio so .. anyway they both seem to be working fine on a 50 foot or so length of wire up in the attic.

Now here is my delema. These radios are just too cool and this is the first time had something of this quality. So, clearly I don't know enough about this in the short term to make a long term decision about which one to sell. Which should I keep? Or should I really just get rid of both of them and get an SDR setup?

Steve

3068. Re: I good place for repair

Yahoo group: nrd-525-535
Date: 2016-03-22 09:58:29 UTC
From: reece_k1@...
Topic: 3050 Message: 3068

What sort of an environment do you live in? Depending on the type of antenna and location can be the difference between a good signal with a quiet background and almost all static. The ideal place is in the country with a 50 ohm coax to a long wire antenna with a good 50 ohm balun.
Electrical interference from various city appliances especially computers are a major pain and wouldn't really matter what set you had.
Personally I like to manually tune my receivers, can't beat a good tuning dial, I have SDR radio's and hardly ever use them. I like the 535D and have 2 other radio's, one is a Racal RA6790/GM it is old but hard to beat.

3069. Re: I good place for repair

Yahoo group: nrd-525-535
Date: 2016-03-22 15:45:21 UTC
From: myteaquinn@...
Topic: 3050 Message: 3069

Steve why don't you use one of the online receivers, the Trent SDR comes to mind, for a couple of weeks and then decide if you want your own SDR. This should be a good comparison to determine if you a SDR or a real radio.

Tom

3070. Re: I good place for repair

Yahoo group: nrd-525-535
Date: 2016-03-28 01:34:20 UTC
From: targetteye@...
Topic: 3050 Message: 3070

I live west of Houston. Lots and Lots of noise around here. Of course building a decent long wire antenna is pretty much out of the question. I'm contemplating a PA0RDT active antenna and just get it as High as I can. Like on the top of the chimney of my two story house.

I guess the 535 would be the better of the two to keep. with the ECSS detector. I have been playing around with the Online SDR radios. Frankly i find them quite interesting. I'll probaby get a cheap one to play around with regardless. One that is ethernet connect could be place up in my attic and just fed with Wifi to wherever i want to access it. Pretty cool I think.

But alas this is a NRD groups so.. Which one should I keep? are there any major shortcoming of either? Mostly in the reliability department.

3071. Service manual for JRC JST-125 transceiver

Yahoo group: nrd-525-535
Date: 2016-04-04 11:25:02 UTC
From: g3vvt@...
Topic: 3071 Message: 3071

Hi All,

Has anybody come across a service manual for the JRC JST-125 100W HF transceiver?

A semi local amateur Brian, G0FZR bought one at a rally in a defective condition and has it back to working normally now. Being a CW operator is also trying to source a suitable CW filter. Is apparently a 455kHz item so perhaps one from another manufacturer may be able to be used with an appropriate home built adaptor?

Believe the radio was only produced for a short period before the JST-135 came out. That was produced in greater numbers and have one myself. Even with that a full service manual was never found and ended up with fragments of the item over a period of time.

Also have the NRD-515/NSD-515 combination in daily use here where the RX service manual was available at one time though never the TX apart from in the USA it seems.

Any help on the matter would be appreciated via myself as Brian does not have Internet facilities.

Regards,
Bob, G3VVT

3072. 535 Spurious emissions on VHF?

Yahoo group: nrd-525-535
Date: 2016-04-12 17:48:51 UTC
From: ljpolt@...
Topic: 3072 Message: 3072

I have a late S/N 535 (not D). Above it on the desk are two IC R-7100 VHF receivers, both connected to the same attic discone. The 535 is fed by outside wires and indoor coax leads. The 7100s normally monitor VHF AM aero, civil and military.I noticed that whenever the 535 is turned on, the background noise level on one of the 7100s increases to the point where it breaks squelch. Turning off the 535 immediately reduces the noise level, so it definitely is the culprit. The noise It does not seem to affect the other 7100. I will cross-post to the Icom Groups, but what kind of RF in the 535 could be responsible? The 535 is directly plugged into AC.
Les Polt, Esq.
K3JTP
Baltimore. MD

3073. Re: [nrd-525-535] 535 Spurious emissions on VHF?

Yahoo group: nrd-525-535
Date: 2016-04-12 18:10:14 UTC
From: John Reed
Topic: 3072 Message: 3073

The NRD-535 and 525 as well generate a lot of interference from the switching power supply for the fluorescent display. I was able to get around this by building and installing my own linear display power supply in my NRD-525.

John, KA5QEP

From: mailto:nrd-525-535@yahoogroups.com
Sent: Tuesday, April 12, 2016 12:48 PM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] 535 Spurious emissions on VHF?

I have a late S/N 535 (not D). Above it on the desk are two IC R-7100 VHF receivers, both connected to the same attic discone. The 535 is fed by outside wires and indoor coax leads. The 7100s normally monitor VHF AM aero, civil and military.I noticed that whenever the 535 is turned on, the background noise level on one of the 7100s increases to the point where it breaks squelch. Turning off the 535 immediately reduces the noise level, so it definitely is the culprit. The noise It does not seem to affect the other 7100. I will cross-post to the Icom Groups, but what kind of RF in the 535 could be responsible? The 535 is directly plugged into AC.

Les Polt, Esq.

K3JTP

Baltimore. MD

3074. Slightly off topic, NRD345

Yahoo group: nrd-525-535
Date: 2016-04-15 12:38:36 UTC
From: kkyahoo@...
Topic: 3074 Message: 3074

Hi, does anyone have a CFQ-8673 filter board for the NRD345? New or secondhand are all fine. Does not need to have a filter on it.

73

Kevin

3075. Windows 10 control software

Yahoo group: nrd-525-535
Date: 2016-05-01 14:27:25 UTC
From: targetteye@...
Topic: 3075 Message: 3075

Does anyone know if there is any wondows 10 compatible control software for the 535 or 525 with rs232 option?

Steve

3076. Re: [nrd-525-535] Windows 10 control software

Yahoo group: nrd-525-535
Date: 2016-05-01 14:36:35 UTC
From: casy_ch@tbwil.ch
Topic: 3075 Message: 3076

Hi Steve

RadioCom Ver. 6.5 from Bonito.

73 de Jean-Claude, HB3YDH

Am 01.05.2016 um 16:27 schrieb targetteye@... [nrd-525-535]:
>
> Does anyone know if there is any wondows 10 compatible control
> software for the 535 or 525 with rs232 option?
>
>
> Steve
>
>

3077. AW: [nrd-525-535] Windows 10 control software

Yahoo group: nrd-525-535
Date: 2016-05-01 14:58:14 UTC
From: Joachim Rabe
Topic: 3075 Message: 3077

Steve,

provided you own MS-Excel, you could try RX_Log_And_Tuner.

It supports both, the 535 and 525 plus it’s completely free and you can download the code plus a manual from my website at http://www.k-code.de/rx-tuner/.

Rx_Log_And_Tuner is an MS-Excel-based application which I originally developed to assists in the search of NDB-signals.
It enables the user to tune a radio receiver or SDR-software to a certain frequency by simply clicking on the appropriate value in a spreadsheet.
Though originally developed to use NDB-data from Martin Francis' excellent website http://www.classaxe.com/dx/ndb/ it is not restricted to data solely from Rxx but can also make use of other frequency-lists for SWLs such as EIBI, AOKI, EMWG, SWSKEDS etc.
It features a logbook which reads the receivers VFO-frequency, the current mode of reception plus the S-meter setting and a scanner module.

The application was developed to give the user full access of any desired frequency list and to deliver intuitive operation.
It runs on MS-Excel 2003 and newer versions.
It will NOT run on any other spreadsheet application like “Open Office” etc.

Apart from a number of receivers, also some software packages like SDR-Console are supported and can be remotely controlled:
More receivers can easily be added by the author or an experienced VBA-programmer, provided the interface control command set is known and available.

Please note, that remote control is limited to
• setting the VFO-frequency
• reading the VFO-frequency (for most receivers)
• setting and reading the current mode of operation (for most receivers)
• reading the current S-meter level (for most receivers)

The program itself and the documentation will be distributed in a ZIP-file.

Please do not run the application from the ZIP-file as this might not work properly.

Please extract both files to a directory of your choice and run the application from there by double-clicking on the Excel-spreadsheet.

After you’ve downloaded the ZIP-file, please make sure that you read the entire documentation before you attempt to run the program!

Please also make sure that macros are enabled on startup! Otherwise the application will not work at all!

You can contact me off-list via email (rabej_de(at)yahoo(dot)de) in case of any questions.

73s

Joachim Rabe

Von: nrd-525-535@yahoogroups.com [mailto:nrd-525-535@yahoogroups.com]
Gesendet: Sonntag, 1. Mai 2016 16:27
An: nrd-525-535@yahoogroups.com
Betreff: [nrd-525-535] Windows 10 control software

Does anyone know if there is any wondows 10 compatible control software for the 535 or 525 with rs232 option?

Steve

3078. Re: Windows 10 control software

Yahoo group: nrd-525-535
Date: 2016-05-01 21:47:27 UTC
From: dg3al@...
Topic: 3075 Message: 3078

Steve,

take a look at the website of HB9RXC: RXCommander
http://hb9rxc.homeip.net/rxcommander.html

http://hb9rxc.homeip.net/rxcommander.html

RXCommander http://hb9rxc.homeip.net/rxcommander.html RXCommander JRC NRD-525 / NRD-535 A nice and simple JRC-525/JRC-535 remote-control software Editable list of frequency and preferred stations. Data...

View on hb9rxc.homeip.net http://hb9rxc.homeip.net/rxcommander.html
Preview by Yahoo

73 de Axel, DG3AL

3079. Re: Windows 10 control software

Yahoo group: nrd-525-535
Date: 2016-05-02 02:42:49 UTC
From: targetteye@...
Topic: 3075 Message: 3079

Thanks folks. I downloaded rxcommander. I ordered a d pci express serial card for my windows 10 computer. I'm hopeful it will work. I also ordered a null modem cable.

Radiocom looks very interesting. Not sure its worth 160 Euro for an old radio like the 535. After I get it working with rxcommander I might consider it.

I pulled the cover of my 535 and found it has the B Rom not the H. Is it worth getting the last release?

Steve

3080. Re: [nrd-525-535] Re: Windows 10 control software

Yahoo group: nrd-525-535
Date: 2016-05-02 07:44:03 UTC
From: casy_ch@tbwil.ch
Topic: 3075 Message: 3080

Hi Steve

What does "old" mean? In my opinion the NRD-535DG is the best receiver of the line. I have had all three, 525, 535 and 545 and that is what I found.

Regarding RadioCom 6.5 it is quite different from the Rxcommander as you can not only program the rx but listen to practically all existing digital signals.

Good listening

Jean-Claude, HB3YDH

Am 02.05.2016 um 04:42 schrieb targetteye@... [nrd-525-535]:
>
> Thanks folks. I downloaded rxcommander. I ordered a d pci express
> serial card for my windows 10 computer. I'm hopeful it will work. I
> also ordered a null modem cable.
>
>
> Radiocom looks very interesting. Not sure its worth 160 Euro for an
> old radio like the 535. After I get it working with rxcommander I
> might consider it.
>
> I pulled the cover of my 535 and found it has the B Rom not the H. Is
> it worth getting the last release?
>
> Steve
>

3081. Re: [nrd-525-535] Re: Windows 10 control software

Yahoo group: nrd-525-535
Date: 2016-05-02 14:13:13 UTC
From: targetteye@...
Topic: 3075 Message: 3081

i'm sorry i didn't mean old to imply anything negative. My 535D is a 53xxx serial number with a B PROM. I'm guessing that dates it early in the production run in the early 90s. That makes this radio over 20 years old!

I will consider the radiocom program once i get everything function with the rxcommander software.

Steve

3082. Re: Windows 10 control software

Yahoo group: nrd-525-535
Date: 2016-05-03 12:43:33 UTC
From: poldhu1901@...
Topic: 3075 Message: 3082

Hi Steve,

I'm not sure how well any remote control software will operate with version B Eproms, don't recall having ever come across a 535 fitted with a version that early.
It's generally accepted that any remote control issues were sorted by version F, version E was reasonably ok, G doesn't seem to exist and there were only minor changes in H, so I would strongly recommend updating both the Display and CPU Eproms to version F.

There's good instructions to be found online, the CPU is straightforward but the display a bit more fiddly although I did mine ok, again over 20 years ago:-).

I can let you have copies of the version F Eprom contents but you'd need to get them programmed yourself.

Regards

Nigel
GM8PZR

Mon May 2, 2016 7:13 am (PDT) . Posted by:
_targetteye _
(mailto:targetteye@...?subject=Re:%20Windows%2010%20control%20software)

i'm sorry i didn't mean old to imply anything negative. My 535D is a 53xxx serial number with a B PROM. I'm guessing that dates it early in the production run in the early 90s. That makes this radio over 20 years old!

I will consider the radiocom program once i get everything function with the rxcommander software.

Steve

3083. NRD535 EPROMS

Yahoo group: nrd-525-535
Date: 2016-05-04 08:35:37 UTC
From: poldhu1901@...
Topic: 3083 Message: 3083

In a recent reply I offered copies of the version F EPROM binaries but unfortunately my memory was letting me down.... again!

It turns out I don't have copies of the version F binaries after all, when I bought my version F firmware it came to me as pre-programmed EPROMS and I didn't have any way of copying them in 1994 so they just went straight into my receiver.

However, I do have copies of the version H binaries and also the version F instruction set, although I do remember uploading this to the group files, plus some archived group posts that throw a bit more light on the upgrade history, so if anyone wants a copy of what I do have I'm happy to share it.

Regards

Nigel
GM8PZR

3084. Re: NRD535 EPROMS

Yahoo group: nrd-525-535
Date: 2016-05-08 18:31:23 UTC
From: targetteye@...
Topic: 3083 Message: 3084

Thanks for the offer Nigel. It would appear that "bill cotter" uploaded the H binaries in the files section back in 2008. It may not be a bad idea if I could get you copies as well. Just in case the ones in the file section may have been corrupted over the years. Can you provide via email? And thank you very much for the offer.

3085. Re: [nrd-525-535] Re: NRD535 EPROMS

Yahoo group: nrd-525-535
Date: 2016-05-08 20:54:25 UTC
From: Ed
Topic: 3083 Message: 3085

How can I tell which firmware version I have in my 535D?

> On May 8, 2016, at 21:31, targetteye@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:
>
>
>
> Thanks for the offer Nigel. It would appear that "bill cotter" uploaded the H binaries in the files section back in 2008. It may not be a bad idea if I could get you copies as well. Just in case the ones in the file section may have been corrupted over the years. Can you provide via email? And thank you very much for the offer.
>
>

3086. Re: Re: [nrd-525-535] Re: NRD535 EPROMS

Yahoo group: nrd-525-535
Date: 2016-05-09 12:24:52 UTC
From: pietro.bossi@bluewin.ch
Topic: 3083 Message: 3086

Hi List,
I have a bunch of pre-programmed EEPROMS (Texas Instrument TMS 27C256) with JRC-535 firmware version H (DISplay and CPU).
Or if you have programming tools, I can send the zipped binary file per e-mail too (no guarantee of course ...).
For any question please PM to hb9rxc (at) bluewin.ch
See here for replacement info: http://hb9rxc.homeip.net/gallery/thumbnails.php?album=3
BR, Pietro HB9RXC

---- Messaggio originale ----
Da : nrd-525-535@yahoogroups.com
Data : 08/05/2016 - 22:54 (WEDT)
A : nrd-525-535@yahoogroups.com
Oggetto : Re: [nrd-525-535] Re: NRD535 EPROMS

How can I tell which firmware version I have in my 535D?
On May 8, 2016, at 21:31, targetteye@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:

Thanks for the offer Nigel. It would appear that "bill cotter" uploaded the H binaries in the files section back in 2008. It may not be a bad idea if I could get you copies as well. Just in case the ones in the file section may have been corrupted over the years. Can you provide via email? And thank you very much for the offer.

3087. Re: NRD535 EPROMS

Yahoo group: nrd-525-535
Date: 2016-05-09 17:05:18 UTC
From: poldhu1901@...
Topic: 3083 Message: 3087

Q Thanks for the offer Nigel. It would appear that "bill cotter" uploaded the H binaries in the files section back in 2008. It may not be a bad idea if I could get you copies as well. Just in case the ones in the file section may have been corrupted over the years. Can you provide via email? And thank you very much for the offer.

A No need, I've just checked my files against those in the group files section using "Foldermatch" software and they are identical, that's not to say both sets might not have the same errors:-)

Q How can I tell which firmware version I have in my 535D?

A There was a discussion on Eproms back in 2008 and messages 1833, 34, 35 and 39 have some relevant information, assuming Yahoo hasn't changed the numbering:-), but here is a quick recap....

Holding down the decimal point button as the set is switched on will display
the date of the main Eprom.
Holding down the Memo button as the set is switched on will display the date
of the display Eprom.
For versions A to E the dates in both Eproms are the same, and display as follows....

A 91.02
B 91.03
D 91.05
E 91.08

I don't know what happened to version C, perhaps there wasn't one or they just didn't have that information.

Version F has a different date in each Eprom as follows.....

Main Eprom 92.01
Display Eprom 92.10

Version H is back to both the same, 93.03

Regards

Nigel
GM8PZR

3088. OT: 535 eeprom ... for Steve Scheel

Yahoo group: nrd-525-535
Date: 2016-05-10 13:33:00 UTC
From: pietro.bossi@...
Topic: 3088 Message: 3088

Hi Steve,

I received your message from the JRC535 group but seem that your e-mail is not valid ....
Please have a look !

BR, HB9RXC Pietro

3089. Re: OT: 535 eeprom ... for Steve Scheel

Yahoo group: nrd-525-535
Date: 2016-05-10 17:38:38 UTC
From: targetteye@...
Topic: 3088 Message: 3089

sorry .. used the wrong email. Just tried again.

Steve

3090. NRD535 EPROMS plus Calibration Issues

Yahoo group: nrd-525-535
Date: 2016-05-11 05:38:23 UTC
From: Ed
Topic: 3083 Message: 3090

Just checked my 535D,Manichaeism has Version E EPROMs , dated 9108. Would love to get H version if possible. What are the improvements of the H?

Also, the radio' s frequency is off by a few Hertz, even after warm up. I added the high stability crystal years ago. I followed the calibration procedure,mad per the manual but I am unable to correct this. Any tips?

Thanks,
Ed NI6S

> On May 9, 2016, at 20:05, poldhu1901@... [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:
>
>
>
> Q Thanks for the offer Nigel. It would appear that "bill cotter" uploaded the H binaries in the files section back in 2008. It may not be a bad idea if I could get you copies as well. Just in case the ones in the file section may have been corrupted over the years. Can you provide via email? And thank you very much for the offer.
>
> A No need, I've just checked my files against those in the group files section using "Foldermatch" software and they are identical, that's not to say both sets might not have the same errors:-)
>
> ----------
>
> Q How can I tell which firmware version I have in my 535D?
>
> A There was a discussion on Eproms back in 2008 and messages 1833, 34, 35 and 39 have some relevant information, assuming Yahoo hasn't changed the numbering:-), but here is a quick recap....
>
>
> Holding down the decimal point button as the set is switched on will display
> the date of the main Eprom.
> Holding down the Memo button as the set is switched on will display the date
> of the display Eprom.
> For versions A to E the dates in both Eproms are the same, and display as
> follows....
>
> A 91.02
> B 91.03
> D 91.05
> E 91.08
>
> I don't know what happened to version C, perhaps there wasn't one or they

> just didn't have that information.
>
> Version F has a different date in each Eprom as follows.....
>
> Main Eprom 92.01
> Display Eprom 92.10
>
> Version H is back to both the same, 93.03
>
> ----------------------
>
> Regards
>
> Nigel
> GM8PZR
>
>
>
>
>

3091. Re: NRD535 EPROMS plus Calibration Issues

Yahoo group: nrd-525-535
Date: 2016-05-11 11:20:24 UTC
From: poldhu1901@...
Topic: 3083 Message: 3091

Hi Ed

The main changes came with release F, I'm not sure what H added but it wasn't much, and the main change with F was to enhance the remote control functions.

The detailed list of version F commands, plus the version H EPROM files, are available from the group files section.

Regards

Nigel
GM8PZR

Just checked my 535D,Manichaeism has Version E EPROMs , dated 9108. Would love to get H version if possible. What are the improvements of the H?

Also, the radio' s frequency is off by a few Hertz, even after warm up. I added the high stability crystal years ago. I followed the calibration procedure,mad per the manual but I am unable to correct this. Any tips?

Thanks,
Ed NI6S

3092. Re: [nrd-525-535] Re: OT: 535 eeprom ... for Steve Scheel

Yahoo group: nrd-525-535
Date: 2016-05-14 10:04:09 UTC
From: pietro
Topic: 3088 Message: 3092

Hi Steve,

as said before, I have a lot of pre-programmed eeprom for JRC-535
version H, as used on my receiver (1x CPU & 1x DISPLAY).

If you are interested, I can send you the eeproms set for 10$ + Post
shipment. I already send to Australia without problem with a small
letter ...
Please let me know, so I will ask the post office for the actual
shipment cost.

BR, Pietro

Il 10.05.2016 19:38, targetteye@... [nrd-525-535] ha scritto:
>
> sorry .. used the wrong email. Just tried again.
>
>
> Steve
>
>
> Nessun virus nel messaggio.
> Controllato da AVG - www.avg.com <http://www.avg.com>
> Versione: 2016.0.7596 / Database dei virus: 4568/12204 - Data di
> rilascio: 10/05/2016
>

3093. Re: [nrd-525-535] Re: OT: 535 eeprom ... for Steve Scheel

Yahoo group: nrd-525-535
Date: 2016-05-15 02:01:17 UTC
From: targetteye@...
Topic: 3088 Message: 3093

We seem to have problems with email :)
I have sent two different emails with different addresses. I am interested i'll send you another email. :)

Steve

3094. qrz post

Yahoo group: nrd-525-535
Date: 2016-05-15 14:50:09 UTC
From: Chuck Sayers
Topic: 3094 Message: 3094

Hi all just saw a post on qrz for a 515 with nva515 speaker .

the guy says not collector quality but in good shape.

has all filters and 300 hz and 600 hz.

He's asking $1200 for it.

Makes me wonder what's my 535d with nva-319 in very good condition worth??

that's in his mind though..

THis is like the icf-2010 that went for just over $2000 about 2 years
ago on fleabay.

Chuck

K3ETD

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

3095. Re: qrz post

Yahoo group: nrd-525-535
Date: 2016-05-16 12:12:19 UTC
From: Mr Leslie J Polt
Topic: 3094 Message: 3095

I just consigned my late S/N 535 (no "D") to a vendor to offer at the Dayton Hamvention later this week. For what it's worth, based on my research on the ham sites, eBay, etc., I set a price of $750. I would estimate that the "D" would realistically be around $900, plus maybe $200 for the speaker, I have seen much higher "Buy it Now" prices on eBay,Les PoltK3JTP
Baltimore

3096. Re: OT: 535 eeprom ... for Steve Scheel

Yahoo group: nrd-525-535
Date: 2016-07-10 02:34:26 UTC
From: targetteye@...
Topic: 3088 Message: 3096

Pietro, The proms are installed and working great with your program. Thank You very much!

Steve

3097. DRD 535 "wide" setting

Yahoo group: nrd-525-535
Date: 2016-07-12 03:10:50 UTC
From: targetteye@...
Topic: 3097 Message: 3097

Here is a strang thing going on with my reciever. When toggling thru the crystals thru the front panel and thru pietro's program when landing on WIDE it will give different bandwidth charateristics. In one way it bearly more narrow that aux and in the other its just a bit wider than intermediate.

Could the crystal be bad?

Steve

3098. Re: DRD 535 "wide" setting

Yahoo group: nrd-525-535
Date: 2016-07-12 10:12:53 UTC
From: david@...
Topic: 3097 Message: 3098

What filter do you have fitted in the Wide position? Is it the standard fit CLF-D6S? If so, its unlikely to be the filter itself as a change in bandwidth would require a whole load of things in the filter ladder to move in a coordinated way. A single failure would more likely lead to increased loss, passband ripple or stopband leakage, rather than a change in bandwidth.

Have you checked the IF Filter Unit for obvious faults or shorts? Has anyone fitted extra filters? In which position is the wire link "W1" fitted? Is it fitted neatly with no shorts?

3099. Re: OT: 535 eeprom ... for Steve Scheel

Yahoo group: nrd-525-535
Date: 2016-07-13 19:28:37 UTC
From: paul19650417@...
Topic: 3088 Message: 3099

Hi Pietro,

I own 2 JRC-535 and I am interested in buying 2 sets of EEPROMS with latest Version.

What will be the price including shipment cost to Germany.

Best regards:

Paul

3100. Re: [nrd-525-535] Re: OT: 535 eeprom ... for Steve Scheel

Yahoo group: nrd-525-535
Date: 2016-07-14 08:27:28 UTC
From: pietro
Topic: 3088 Message: 3100

Hi Paul,

Thank you for your e-mail.
The price for each set (2 eeproms Ver. H : 1xCPU & 1xDISPLAY) is 15.-
euro and shipment to Germany should be around 5 - 8 euro (need to ask
the post office).
Payment via Paypal is fine with my e-mail address (35 euro)

For replacement detail see:
http://hb9rxc.homeip.net/gallery/thumbnails.php?album=3

If you are interested, please let me know.

Being in holiday till next week, I'm not always reachable with e-mail
... sorry.

BR, Pietro HB9RXC

Il 13.07.2016 21:28, paul19650417@... [nrd-525-535] ha scritto:
>
> Hi Pietro,
>
>
> I own 2 JRC-535 and I am interested in buying 2 sets of EEPROMS with
> latest Version.
>
>
> What will be the price including shipment cost to Germany.
>
>
> Best regards:
>
>
> Paul
>
>
>
>
> Nessun virus nel messaggio.
> Controllato da AVG - www.avg.com <http://www.avg.com>
> Versione: 2016.0.7640 / Database dei virus: 4627/12609 - Data di
> rilascio: 13/07/2016
>

3101. 535D PBS seems to be out

Yahoo group: nrd-525-535
Date: 2016-07-27 05:28:52 UTC
From: reece_k1@...
Topic: 3101 Message: 3101

I haven't used the radio for a few months and whilst tuning around I noticed that it sounded a bit 'hissy, mostly in sideband modes.
I had done the KIWA mods and front panel shield mod.
If I set the PBS mark to the left of the top (roughly 11 o'clock) the radio sounds great for USB, and to the left (1 0'clock) for LSB.
I checked the circuit and the PBS variable is just a variation between ground and +5v to a digital ic (ic10 - A/D converter) so nothing to tune/fix here.
This could be normal, I don't have access to another 535 to do a comparison, any ideas would be appreciated.

3103. Digits NRD 535....

Yahoo group: nrd-525-535
Date: 2016-11-18 07:46:01 UTC
From: ingejohn@...
Topic: 3103 Message: 3103

Hello Group.

I have a ''problem'' with a JRC NRD 535.
When i put in (for exampe) 14.2888.0 then the 14.28 are not so bright as the 880.

I hope the group understands....(HI)

I have the receiver powered up for some days, with the frequency on 88.888.8 so that all the digits are ''working''.

Did not help.

Aneyone an idea?

Thanks, and best regards!!
John

3104. Re: 535D PBS seems to be out

Yahoo group: nrd-525-535
Date: 2016-11-21 03:21:23 UTC
From: jstoneback@...
Topic: 3101 Message: 3104

Hi Reece_k1,

I have an NRD-515 arriving by mail tomorrow. I'll check out PBS and report back.

73,

Jim K4AXF

3105. Re: 535D PBS seems to be out

Yahoo group: nrd-525-535
Date: 2016-11-22 03:22:38 UTC
From: jstoneback@...
Topic: 3101 Message: 3105

Hi,

I've checked my 'new' NRD-515 and find the BPT works as you have noted, the sweet spot is just to left of the detent for USB and just to the right for LSB. That is identical to what I've noted with the IF Shift on my R-5000, too.

I don't note any 'hissy' sound on either AM or SSB, so I can't help you there.

73,

Jim K4AXF

3106. Re: 535D PBS seems to be out

Yahoo group: nrd-525-535
Date: 2016-11-22 08:57:22 UTC
From: reece_k1@...
Topic: 3101 Message: 3106

Thanks for that, I am surprised that no one with a 535D has tried it yet for a comparison but since your 515 is similar it may prove all is ok.
Cheers.

3107. Re: [nrd-525-535] Re: 535D PBS seems to be out

Yahoo group: nrd-525-535
Date: 2016-11-22 09:03:13 UTC
From: mw0bol
Topic: 3101 Message: 3107

I use a 535D, the BFO is in correct alignment, but I do find I like to move the passband as you have described on your 515. The whole point of PBT is that you can alter the response to personal preference for any given signal, receivers with no means of shifting the passband are always going to be a compromise at best!

Rob M0BOL

> On 22 Nov 2016, at 08:57, reece_k1@yahoo.com.au [nrd-525-535] <nrd-525-535@yahoogroups.com> wrote:
>
> Thanks for that, I am surprised that no one with a 535D has tried it yet for a comparison but since your 515 is similar it may prove all is ok.
> Cheers.
>
>

3108. NRD 515 Transmitter Connector

Yahoo group: nrd-525-535
Date: 2016-11-23 14:35:16 UTC
From: jstoneback@...
Topic: 3108 Message: 3108

This may be duplicate information, but I found a source for the transmit plug for the NRD-515 at:

http://www.rssingapore.com/ http://www.rssingapore.com/

The part numbers are P-1616BA-C for the connector and P-1616A-C(50) for the shell. Total cost was about $13.00.

I hope to mate the 515 to a Kenwood T-599 pending finding an NSD-515 (fat chance!).

73, Jim K4AXF

3109. Re: NRD 515 Transmitter Connector

Yahoo group: nrd-525-535
Date: 2016-11-24 12:56:57 UTC
From: Robert Wilkinson
Topic: 3108 Message: 3109

Hi All,

Missed the original posting on this item for some reason.

I run the NRD-515 with the NSD-515, one of only 5 of the TX believed imported into the UK by the JRC agents at the time Lowe Electronics, so familiar with the set up. The link between these two also supplies VFO signals so that they can be run from either the TX or RX VFO in transceive mode.

With mostly anything else as a TX other than that, the only item that will need to be connected is the RX muting line and removal of link J35 in the NRD-515. The RX muting line supplies a ground when in RX mode. The antenna connections are totally separate.

Usually safer to leave the protection diodes in the RX antenna side in place as nearby lightening can cause a tremendous amount of damage that may possibly be mitigated if these were left intact. Have repaired one that was modified to remove the protection diodes, so have the T shirt!

Despite the simplicity of the set up compared to modern radios, the pair work very well and my radio of choice most times. Have a Timewave DSP with the RX to remove unwanted heterodynes as there is no facility for this with the NRD-515.

Looking for the service manual for the NSD-515 TX. Have bits a pieces that came from Lowe Electronic, but have yet to source the full service manual.

Any ideas?

Regards,

Bob, G3VVT

1. NRD 515 Transmitter Connector

Posted by: jstoneback@... jstoneback

Date: Wed Nov 23, 2016 6:35 am ((PST))

This may be duplicate information, but I found a source for the transmit plug for the NRD-515 at:

http://www.rssingapore.com/ http://www.rssingapore.com/

The part numbers are P-1616BA-C for the connector and P-1616A-C(50) for the shell. Total cost was about $13.00.

I hope to mate the 515 to a Kenwood T-599 pending finding an NSD-515 (fat chance!).

73, Jim K4AXF

3110. NEVER MIND - NRD 515 Transmitter Connector

Yahoo group: nrd-525-535
Date: 2016-11-24 14:23:37 UTC
From: Jim Stoneback
Topic: 3110 Message: 3110

Turns out they cannot ship to USA. Drat! Digikey has one with similar part number which I have ordered. Won’t ship for two months, though. We’ll see . . . .
73,

Jim K4AXF
Shenandoah Valley, Virginia

Kenwood TS-520
Kenwood TS-530s
Kenwood R-5000
JRC NRD-515
G5RV dipole

3111. Re: NRD 515 Transmitter Connector

Yahoo group: nrd-525-535
Date: 2016-11-26 15:35:43 UTC
From: jstoneback@...
Topic: 3108 Message: 3111

Hi Bob,

Nice hearing from you regarding the NRD/NSD-515. I saw a pair advertised a couple of years ago over here. I recall that the price was higher than I could imagine paying.

The NRD-515 is such a fine receiver, I imagine myself in a ship radio room when I use it. It’s not your typical amateur radio at all. Being a mostly CW op, I have the CW filters installed and prefer it to the other receivers in the shack. No intermod issues, so no reason to risk a static discharge - the diodes stay in.

I should be able to find a T-599 easily enough, hook up the mute, sidetone and receive antenna output and be in business.

73,

Jim K4AXF
Shenandoah Valley, Virginia

Kenwood TS-520
Kenwood TS-530s
Kenwood R-5000
JRC NRD-515
G5RV dipole

3112. Re: NRD 515 Transmitter Connector

Yahoo group: nrd-525-535
Date: 2016-11-27 15:50:37 UTC
From: Robert Wilkinson
Topic: 3108 Message: 3112

Hi Jim,

The NSD-515 I have was originally bought new in 1982 by my late father in law, Ted G3UUA. I never did see it at the time as was working in the Middle East for 20 years for the USA company Aramco from 1981. I managed to acquire it in the early 1990s from the amateur he had sold it to when he was taken seriously ill. The NSD-515 TX cost about half as much again as the NRD-515 RX he bought a year earlier in 1981 and was only built to order with the specification requested. It has the WARC bands in, but not the preset ATU. When I bought it there were problems with the TX which turned out to be dirty relay contacts as the TX makes wide use of relays. I set to clean every single relay contact in the TX with isopropyl alcohol and small strips of white paper. Accessing the relays was difficult as the radio had to be completely dismantled to gain access and for some of the more difficult ones made up a tool from hard drawn copper to enable the caps on top of the Matsushita HB1-DC12V relays to be removed in situ. Unlike the NRD-515 RX the NSD-515 uses vertically mounted PCBs which are inserted into connectors on the mother board similar to the later JST-135 transceiver which I also own.

After that has worked very well until recently. Have experience two problems:

Low level TX on all bands.

Drift of the TX in the first ½ hour particularly on the 80m band.

The low level TX problem was traced again to dirty relay contacts on the two relays which switch the VFO from the TX VFO to the RX VFO. I use the RX VFO as standard to enable a transceiver function, though can be done with either VFO. The two relays K1 And K2 are on the motherboard at the rear of the TX. One can just be cleaned in situ with the PA removed, but the other has to be removed to get access. I have a Hakko 880, vacuum desoldering gun which makes removal simple, so no problem and now that function works as it should. Will have to search for replacement relays for the future.

The drift on 80m is turning out to be a more long winded problem. The cause appears to be within the delta tune facility on the front panel. The front panel has to be removed from the case together with the top/bottom covers to gain access. Looking at the schematics the tuning is done through varicap diodes on each crystal oscillator in the TX and for 80m only has quite a high value of coupling capacitor, hence the drift being more noticeable on that band.

The varicap line is fed from the +13.6VDC line via a 100 ohm resistor and regulated with a 12V zener CD15 which is type RD12EB. Difficult to access whilst working as involves removing a multiway connector on the front panel PCB and to replace properly would involve totally removing the PCB from the

front panel.

Sourced some BZV85-C12, 12V 1.3W zener diodes which appear similar to the original. Will cut one lead of the original and tag the new zener across the wire tails to check the effect and can always restore the original state. Could also be the 80m xtal or even the varicap diode/coupling capacitor, but will approach that if needed. Works as intended after a ½ hr warm up and shows no further movement after that

Getting hold of service information for the TX in the UK is very difficult as was never sold in sufficient numbers in Europe. In the past extender cards were available for the TX as well as the different versions for the JST-135, but were extremely expensive.

Interested in contacting other NSD-515 owners, particularly if they have experienced similar problems.

Regards,

Bob, G3VVT

3113. hidden functions jrc 525

Yahoo group: nrd-525-535
Date: 2016-12-03 16:39:08 UTC
From: vacuumshop@...
Topic: 3113 Message: 3113

I read a few years back of extra hidden functions like memo and 1 to take one digit off the freq dispay. There is another that is supposed to increase the speed of the tuning knob, and that one has never worked for me. There is another that I cannot find on the net and it will take away an internal filter. I'd be glad to see if someone has a list of these lesser know functions. I have the owners manual and these are not mentioned. Thanks Leonard Garland

3114. Re: [nrd-525-535] hidden functions jrc 525

Yahoo group: nrd-525-535
Date: 2016-12-03 22:58:49 UTC
From: John Reed
Topic: 3113 Message: 3114

Here’s what I have on this:

MEMO + 0 = Show SSB Offset
MEMO + 1 = Display 10 Hz digit
MEMO + 2 = Show clock colon
MEMO + 3 = Keyboard beep on/off
MEMO + 4 = Bypass front end tracking filter
RUN key = Change tuning speed (serial numbers BR 36771 and above)

These functions are turned off or on by pressing these keys.

John, KA5QEP

From: mailto:nrd-525-535@yahoogroups.com
Sent: Saturday, December 03, 2016 10:39 AM
To: nrd-525-535@yahoogroups.com
Subject: [nrd-525-535] hidden functions jrc 525

I read a few years back of extra hidden functions like memo and 1 to take one digit off the freq dispay. There is another that is supposed to increase the speed of the tuning knob, and that one has never worked for me. There is another that I cannot find on the net and it will take away an internal filter. I'd be glad to see if someone has a list of these lesser know functions. I have the owners manual and these are not mentioned. Thanks Leonard Garland

3115. Re: [nrd-525-535] hidden functions jrc 525

Yahoo group: nrd-525-535
Date: 2016-12-04 01:04:17 UTC
From: vacuumshop@...
Topic: 3113 Message: 3115

Great thanks, I did search on the net and found only the run function. I am going to write down these and add it to my owners manual. My serial is 36653 and it will not change the tuning speed which I would really like to do. Thanks again I really thought the time had passed and I would be unable to find these functions. Leonard,,,KC6rwi

3116. New file uploaded to nrd-525-535

Yahoo group: nrd-525-535
Date: 2016-12-04 02:28:07 UTC
From: nrd-525-535@yahoogroups.com
Topic: 96 Message: 3116

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the nrd-525-535
group.

File : /NRD-525 memo functions.pdf
Uploaded by : toptyp19 <toptyp19@...>
Description : NRD-525 memo functions (extra)

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/nrd-525-535/files/NRD-525%20memo%20functions.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

toptyp19 <toptyp19@...>

3117. Re: [nrd-525-535] hidden functions jrc 525

Yahoo group: nrd-525-535
Date: 2016-12-04 02:30:29 UTC
From: toptyp19@...
Topic: 3113 Message: 3117

Hi Leonard-

I just uploaded what I had to the files section.
There's a few extra ones in there.

73, Joe-WA9LAE

3118. Re: hidden functions jrc 525

Yahoo group: nrd-525-535
Date: 2016-12-04 03:32:50 UTC
From: reece_k1@...
Topic: 3113 Message: 3118

Thanks Leonard and you also Joe.

3119. Re: [nrd-525-535] hidden functions jrc 525

Yahoo group: nrd-525-535
Date: 2016-12-04 07:51:12 UTC
From: mw0bol
Topic: 3113 Message: 3119

Interesting stuff.....

Does anyone know if there are any hidden key functions for the NRD535 ?

Rob M0BOL

> On 3 Dec 2016, at 22:58, 'John Reed' ka5qep@... [nrd-525-535]
<nrd-525-535@yahoogroups.com> wrote:
>
> Here’s what I have on this:
>
> MEMO + 0 = Show SSB Offset
> MEMO + 1 = Display 10 Hz digit
> MEMO + 2 = Show clock colon
> MEMO + 3 = Keyboard beep on/off
> MEMO + 4 = Bypass front end tracking filter
> RUN key = Change tuning speed (serial numbers BR 36771 and above)
>
> These functions are turned off or on by pressing these keys.
>
> John, KA5QEP
>
>
> From: mailto:nrd-525-535@yahoogroups.com
> Sent: Saturday, December 03, 2016 10:39 AM
> To: nrd-525-535@yahoogroups.com
> Subject: [nrd-525-535] hidden functions jrc 525
>
>
> I read a few years back of extra hidden functions like memo and 1 to take one digit off the freq dispay. There is another that is supposed to increase the speed of the tuning knob, and that one has never worked for me. There is another that I cannot find on the net and it will take away an internal filter. I'd be glad to see if someone has a list of these lesser know functions. I have the owners manual and these are not mentioned. Thanks Leonard Garland
>
>

3120. Re: [nrd-525-535] hidden functions jrc 525

Yahoo group: nrd-525-535
Date: 2016-12-04 15:58:47 UTC
From: vacuumshop@...
Topic: 3113 Message: 3120

Thanks..I did look at files and attachments as well but nothing recent has showed up. I would guess there is a delay for files to show up, don't know why that would be, security?
Leonard

3121. Re: [nrd-525-535] hidden functions jrc 525

Yahoo group: nrd-525-535
Date: 2016-12-04 16:40:34 UTC
From: Alberto I2PHD
Topic: 3113 Message: 3121

On 12/4/2016 4:58 PM, vacuumshop@... [nrd-525-535] wrote:
> Thanks..I did look at files and attachments as well but nothing recent has showed up. I would guess there is a delay
> for files to show up, don't know why that would be, security? Leonard

I download that PDF from the Files section of the group more than half an hour ago. It was there.

--
/*73 Alberto I2PHD*
Credo Ut Intelligam/

3122. Re: [nrd-525-535] hidden functions jrc 525

Yahoo group: nrd-525-535
Date: 2016-12-05 01:24:28 UTC
From: vacuumshop@...
Topic: 3113 Message: 3122

I did finally see the files. in fact after I posted I looked again and there was the files…I was going to quickly delete my post but it had no shown up the board.

3123. 30 to 34 mhz anything out there?

Yahoo group: nrd-525-535
Date: 2016-12-06 18:10:19 UTC
From: vacuumshop@...
Topic: 3123 Message: 3123

Just tuning around and wondered if there was any radio activity in the band from 30 to 34 mhz. I can tune it and find little, but possibly I am missing something. Thanks for any response. Leonard

3124. Re: 30 to 34 mhz anything out there?

Yahoo group: nrd-525-535
Date: 2016-12-07 20:09:56 UTC
From: Mr Leslie J Polt
Topic: 3123 Message: 3124

I have noted other SWL's logging military helicopters on FM in that frequency range, but I have not copied any. There may also be some communities that still use their old low band fire dispatch in that range. Since it is NFM mode and low sunspot activity, it is unlikely that you would hear any DX.
Les Polt, Esq.Baltimore, MDNRD535, R75, R8500

3125. Re: 30 to 34 mhz anything out there?

Yahoo group: nrd-525-535
Date: 2016-12-08 00:40:37 UTC
From: vacuumshop@...
Topic: 3123 Message: 3125

thanks..yes I guess there is not much activity there. I was thinking of mobile and utility types of stations. I don't see the lo band antennas on utility trucks like I used to.My neighbor drove on of those city electric trucks and he says he would hear stations that he could not answer. I also suspect that cell phones have probably taken away some of those radios. Leonard

3126. NRD-525 for sale

Yahoo group: nrd-525-535
Date: 2016-12-08 23:23:29 UTC
From: Frank DeMarco
Topic: 134 Message: 3126

I am offering my stock(serial no. 49319)NRD-525 for sale to the group. This unit is in excellent, near-new condition.It has not been used of late but it has been kept plugged in since it was purchased in 1990. It comes with original owners manual and printed service manual from from JRC. It includes a Yaesu SP-102 external speaker which eliminates the muddy audio of the built-in speaker. A pair of JRC ST-3 headphones is also included. I am asking $400 , but this includes UPS packing, shipping and insurance within CONUS.. I live in the NYC area. I can send fotos and can be contacted via the group or at:
<frankdenet@yahoo.com>   73's, Frank DeMarco

3127. NRD-525 no audio

Yahoo group: nrd-525-535
Date: 2016-12-08 23:38:26 UTC
From: RoadMelter@...
Topic: 3127 Message: 3127

My 525 has suddenly come up with an audio issue. No audio at all, from the speaker, or the external speaker or headphone jacks. It all started when I muted the audio by inserting the proper plug into the rear MUTE jack. When I removed that plug, no audio anywhere. I'm thinking maybe a physical problem with that MUTE jack, or a relay of some sort went bad.

It's an excellent 525 with all the extras (RTTY board, VHF board, computer control board (forget the real name for it), extra filters, etc. I'd like to get it back in service. Anybody have any ideas?

Thanks,
Daryll
======

3128. Re: [nrd-525-535] NRD-525 no audio

Yahoo group: nrd-525-535
Date: 2016-12-09 04:05:25 UTC
From: Joe Talbot
Topic: 3127 Message: 3128

Sherwood Engineering, USA.

Sent from my iPhone

On Dec 8, 2016, at 4:38 PM, RoadMelter@...<mailto:RoadMelter@...> [nrd-525-535] <nrd-525-535@yahoogroups.com<mailto:nrd-525-535@yahoogroups.com>> wrote:

My 525 has suddenly come up with an audio issue. No audio at all, from the speaker, or the external speaker or headphone jacks. It all started when I muted the audio by inserting the proper plug into the rear MUTE jack. When I removed that plug, no audio anywhere. I'm thinking maybe a physical problem with that MUTE jack, or a relay of some sort went bad.

It's an excellent 525 with all the extras (RTTY board, VHF board, computer control board (forget the real name for it), extra filters, etc. I'd like to get it back in service. Anybody have any ideas?

Thanks,
Daryll
======